

US-08-133-804-6
; Sequence 6, Application US/08133804
; Patent No. 5534254
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,804
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-133-804-6

Query Match 100.0%; Score 84; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRFGPAY 15
DB 90 DSATYFCARRFGPAY 104

RESULT 3
US-08-461-838-6
; Sequence 6, Application US/08461838
; Patent No. 5753204
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,838
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-838-6

Query Match 100.0%; Score 84; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRFGPAY 15
DB 90 DSATYFCARRFGPAY 104

RESULT 4
US-08-461-386-6
; Sequence 6, Application US/08461386
; Patent No. 5837845
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,386
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-386-6

Query Match 100.0%; Score 84; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DSATYFCARRRGFAY 15
|||
Db 90 DSATYFCARRRGFAY 104

RESULT 5

US-08-356-786-4
; Sequence 4, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-356-786-4

Query Match 100.0%; Score 84; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DSATYFCARRRGFAY 15
|||
Db 90 DSATYFCARRRGFAY 104

RESULT 6

US-08-356-786-10
; Sequence 10, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 534 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-356-786-10

Query Match 100.0%; Score 84; DB 2; Length 534;
Best Local Similarity 100.0%; Pred. No. 2.9e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DSATYFCARRRGFAY 15
|||
Db 379 DSATYFCARRRGFAY 393

RESULT 7

US-08-491-845-2
; Sequence 2, Application US/08491845
; Patent No. 5773247
; GENERAL INFORMATION:
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: KIMACHI, Kazuhiko
; APPLICANT: EDA, Yasuyuki
; APPLICANT: SHIOSAKI, Kouichi
; APPLICANT: OSATOMI, Kiyoshi
; APPLICANT: TOKIYOSHI, Sachio
; TITLE OF INVENTION: RECOMBINANT ANTI-HIV ANTIBODY AND
; TITLE OF INVENTION: PROCESS FOR PREPARING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/491,845
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP93/00039
FILING DATE: 14-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: MAEDA-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-491-845-2

Query Match 69.0%; Score 58; DB 1; Length 119;
Best Local Similarity 57.9%; Pred. No. 0.071;
Matches 11; Conservative 3; Mismatches 1; Indels 4; Gaps 1;

Qy 1 DSATYFCARRF---GFAY 15
|:|||||:|:|
Db 90 DTAIFYCARREYDYGFSY 108

RESULT 8
US-08-458-516-11
Sequence 11, Application US/08458516
Patent No. 577085

GENERAL INFORMATION:
APPLICANT: Co, Man Sung
APPLICANT: Tso, J. Yun
TITLE OF INVENTION: Humanized Antibodies Reactive with
TITLE OF INVENTION: GPIIb/IIIa
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,516
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/059,159
FILING DATE: 03-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-37-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: N-terminal fragment

US-08-458-516-11

Query Match 69.0%; Score 58; DB 1; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.071;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy 1 DSATYFCARRFG---FAY 15
|:|||||:|:|
Db 90 DSAVYFCARRDGYGMFAY 108

RESULT 9
US-08-737-560A-10
Sequence 10, Application US/08737560A
Patent No. 592893

GENERAL INFORMATION:
APPLICANT: KANG, Chang-Yu1
APPLICANT: KIM, Joong-Gon
TITLE OF INVENTION: MONOCLONAL ANTIBODY SPECIFIC FOR HUMAN
TITLE OF INVENTION: 4-1BB AND CELL LINE PRODUCING SAME
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: KANG, Chang-Yu1
STREET: Professor Apt. Ka-302, #244-2, Bongchun 7-dong,
STREET: Kwanak-gu
CITY: Seoul
STATE: Seoul
COUNTRY: Republic of Korea
ZIP: 151-057
ADDRESSEE: KIM, Joong-Gon
STREET: Hanyang Apt. 72-1213, Apgu-jung-dong, Kangnam-gu
CITY: Seoul
STATE: Seoul
COUNTRY: Republic of Korea
ZIP: 135-110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5inch, 1.44MB storage
COMPUTER: IBM PC/AT
OPERATING SYSTEM: MS-DOS
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/737,560A
FILING DATE: 13-NOV-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: KR 95-8176
FILING DATE: 08-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE:
TELEFAX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
OTHER INFORMATION: 4B4-1-1 heavy chain variable region
US-08-737-560A-10

Query Match 69.0%; Score 58; DB 2; Length 119;
Best Local Similarity 63.2%; Pred. No. 0.071;
Matches 12; Conservative 1; Mismatches 2; Indels 4; Gaps 1;

Qy 1 DSATYFCARRF---GFAY 15
|:|||||:|:|
Db 90 DSAVYFCARRSFTTARGFAY 108

RESULT 10
US-08-458-516-7
Sequence 7, Application US/08458516
Patent No. 5777085
GENERAL INFORMATION:
APPLICANT: Co, Man Sung
APPLICANT: Tso, J. Yun
TITLE OF INVENTION: Humanized Antibodies Reactive with
TITLE OF INVENTION: GPIIb/IIIa
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,516
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/059,159
FILING DATE: 03-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-37-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-458-516-7

Query Match 69.0%; Score 58; DB 1; Length 138;
Best Local Similarity 68.4%; Pred. No. 0.081;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARRRG---FAY 15
|||:|||||:|
Db 109 DSATYFCARRDGNYGWY 127

RESULT 11
US-09-419-788-115
Sequence 115, Application US/09419788
Patent No. 6825325
GENERAL INFORMATION:
APPLICANT: FISCHER, Rainer
APPLICANT: SCHILLBERG, Stefan
APPLICANT: NAHRING, Jorg
APPLICANT: SACK, Markus
APPLICANT: MONECKE, Michael
APPLICANT: LIAO, Yu-Cai
APPLICANT: SPIEGEL, Holger
APPLICANT: ZIMMERMAN, Sabine
APPLICANT: EMANS, Neel
TITLE OF INVENTION: Molecular Pathogenicity Mediated Plant Disease
TITLE OF INVENTION: Resistance
FILE REFERENCE: 0147-0189P
CURRENT APPLICATION NUMBER: US/09/419,788
CURRENT FILING DATE: 1999-10-18
EARLIER APPLICATION NUMBER: 98 11 9630.6 EP

EARLIER FILING DATE: 1998-10-16
EARLIER APPLICATION NUMBER: 66/BOM/1998 INDIA
EARLIER FILING DATE: 1998-10-16
NUMBER OF SEQ ID NOS: 163
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 115
LENGTH: 259
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic, no
US-09-419-788-115

Query Match 69.0%; Score 58; DB 4; Length 259;
Best Local Similarity 84.6%; Pred. No. 0.14;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 DSATYFCARRRGF 13
|||:|||||:|
Db 92 DSATYFCARRSGF 104

RESULT 12
US-09-232-290-37
Sequence 37, Application US/09232290A
Patent No. 6815540
GENERAL INFORMATION:
APPLICANT: PLUCKHUN, ANDREAS
APPLICANT: NIEBA, LARS
APPLICANT: HONEGGER, ANNEMARIE
TITLE OF INVENTION: IMMUNOGLOBULIN SUPER FAMILY DOMAINS AND FRAGMENTS WITH
TITLE OF INVENTION: INCREASED SOLUBILITY
FILE REFERENCE: MORPHO/7
CURRENT APPLICATION NUMBER: US/09/232,290A
CURRENT FILING DATE: 1999-01-15
EARLIER APPLICATION NUMBER: PCT/EP96/02230
EARLIER FILING DATE: 1996-05-23
NUMBER OF SEQ ID NOS: 60
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 37
LENGTH: 119
TYPE: PRT
ORGANISM: Murine
US-09-232-290-37

Query Match 67.9%; Score 57; DB 4; Length 119;
Best Local Similarity 57.9%; Pred. No. 0.1;
Matches 11; Conservative 2; Mismatches 2; Indels 4; Gaps 1;

QY 1 DSATYFCARR---FGFAY 15
|||:|||||:|
Db 90 DSATYFCARRRDGNYGFTY 108

RESULT 13
US-08-875-706C-1
Sequence 1, Application US/08875706C
Patent No. 6433148
GENERAL INFORMATION:
APPLICANT: MACIAS ABRAMAN, A. E.
APPLICANT: P REZ RODRIGUEZ, R.
APPLICANT: RODRIGUEZ OBAYA, T.
APPLICANT: BOMBINO LOPEZ, G.
APPLICANT: RAMOS ZAMORA, M.
APPLICANT: PERA MARICHAL, O.
TITLE OF INVENTION: Monoclonal anti-idiotypic antibodies
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lackenbach Siegel Marzullo Aronson & Greenspan, P.C.
STREET: One Chase Road
CITY: Scarsdale

STATE: New York
COUNTRY: U.S.A.
ZIP: 10583
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5" (1.4 MB).
COMPUTER: Compatible PC IBM (80486, 8 M Ram).
OPERATING SYSTEM: ASCII II DOS
SOFTWARE: Word Perfect 5.0 for Windows 95.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,706C
FILING DATE: 17-July-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/CU96/00003
FILING DATE: 18-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Henry A. Marzullo, Jr.
REGISTRATION NUMBER: 20,910
REFERENCE/DOCKET NUMBER: P-11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 723-4300
TELEFAX: (914) 723-4301
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 120 Amino acid residues
TYPE: Amino acid
STRANDEDNESS: Unknown
TOPOLOGY: Unknown
MOLECULE TYPE: Protein
HYPOTHETICAL: No
ANTI-SENSE: No
FRAGMENT TYPE: -N Terminal fragment.
ORIGINAL SOURCE:
ORGANISM: Mice Balb/C
TISSUE TYPE: Murine hibridoma
IMMEDIATE SOURCE:
CLONE: B7
FEATURE:
IDENTIFICATION METHOD: Experimental.
OTHER INFORMATION: - Sequence corresponding to the variable
Patent No. 6433148
OTHER INFORMATION: region of its heavy chain of the humanized variant obtained
US-08-875-706C-1
Query Match 67.9%; Score 57; DB 4; Length 120;
Best Local Similarity 66.7%; Pred. No. 0.1;
Matches 10; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 1 DSAVYFCARRRFGAY 15
DB 90 DSAVYFCARRLRGAY 104
RESULT 14
US-07-634-278-52
Sequence 52, Application US/07634278
Patent No. 5530101
GENERAL INFORMATION:
APPLICANT: QUEEN, Cary L.
APPLICANT: CO, Man Sung
APPLICANT: SCHNEIDER, William P.
APPLICANT: LANDOLFI, Nicholas F.
APPLICANT: COELINGH, Kathleen L.
APPLICANT: SELICK, Harold E.
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: 379 Lytton Avenue
CITY: Palo Alto
STATE: California
COUNTRY: US

ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/634,278
FILING DATE: 19-DEC-1990
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-002600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 121 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-634-278-52
Query Match 67.9%; Score 57; DB 1; Length 121;
Best Local Similarity 61.9%; Pred. No. 0.1;
Matches 13; Conservative 0; Mismatches 2; Indels 6; Gaps 1;
QY 1 DSAVYFCARR-----RFGAY 15
DB 90 DSAVYFCARRGRSRRNGAY 110
RESULT 15
US-08-477-728-52
Sequence 52, Application US/08477728
Patent No. 5585089
GENERAL INFORMATION:
APPLICANT: QUEEN, Cary L.
APPLICANT: SCHNEIDER, William P.
APPLICANT: SELICK, Harold E.
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th floor
CITY: Palo Alto
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,728
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990

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1      PRIOR APPLICATION DATA:
2      APPLICATION NUMBER:  US 07/590,274
3      FILING DATE:  28-SEP-1990
4      PRIOR APPLICATION DATA:
5      APPLICATION NUMBER:  US 07/310,252
6      FILING DATE:  13-FEB-1989
7      PRIOR APPLICATION DATA:
8      APPLICATION NUMBER:  US 07/290,975
9      FILING DATE:  28-DEC-1988
10     ATTORNEY/AGENT INFORMATION:
11     NAME:  Smith, William M
12     REGISTRATION NUMBER:  30,223
13     REFERENCE/DOCKET NUMBER:  11823-002600
14     TELECOMMUNICATION INFORMATION:
15     TELEPHONE:  (415) 326-2400
16     TELEFAX:  (415) 326-2422
17     INFORMATION FOR SEQ ID NO: 52:
18     SEQUENCE CHARACTERISTICS:
19     LENGTH:  121 amino acids
20     TYPE:  amino acid
21     STRANDEDNESS:  single
22     TOPOLOGY:  linear
23     MOLECULE TYPE:  peptide
24     US-08-477-728-52

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Query Match	67.9%	Score 57	DB 1	Length 121
Best Local Similarity	61.9%	Pred. No. 0.1		
Matches 13; Conservative	0	Mismatches 2	Indels 6	Gaps 1

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Qy      1 DSATYFCAR-----RFGFAY 15
          ||| ||| | |||
Db      90 DSAVYFCARGRDSRERNGFAY 110

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Search completed: August 22, 2005, 15:02:25
Job time : 31 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 102.188 Seconds

(without alignments)
57.461 Million cell updates/sec

Title: US-09-887-853-6_COPY_90_104

Perfect score: 84

Sequence: 1 DSATYFCARRRFGFAY 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Published Applications AA:*

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21: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep:*

22: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	84	100.0	243	9	US-09-887-853-6
2	84	100.0	243	17	US-10-883-547-6
3	81	96.4	276	9	US-09-766-543-12
4	73	86.9	267	9	US-09-766-543-10
5	59.5	70.8	118	16	US-10-342-959-2
6	58	69.0	118	14	US-10-422-049-19
7	58	69.0	119	15	US-10-411-037-54
8	58	69.0	119	15	US-10-411-026-54
9	58	69.0	119	15	US-10-410-962-54
10	58	69.0	119	15	US-10-411-049-54
11	58	69.0	119	16	US-10-410-930-54

12	58	69.0	119	16	US-10-410-997-54	Sequence 54, Appl
13	58	69.0	119	16	US-10-411-012-54	Sequence 54, Appl
14	58	69.0	119	16	US-10-287-994-54	Sequence 54, Appl
15	58	69.0	119	16	US-10-410-913-54	Sequence 54, Appl
16	58	69.0	119	17	US-10-410-980-54	Sequence 54, Appl
17	58	69.0	119	17	US-10-410-897-54	Sequence 54, Appl
18	58	69.0	119	17	US-10-492-261-54	Sequence 54, Appl
19	58	69.0	140	9	US-09-341-894-2	Sequence 2, Appl
20	57	67.9	119	15	US-10-461-878-11	Sequence 11, Appl
21	57	67.9	119	15	US-10-461-878-13	Sequence 13, Appl
22	57	67.9	119	15	US-10-461-878-15	Sequence 15, Appl
23	57	67.9	119	17	US-10-461-885-11	Sequence 11, Appl
24	57	67.9	119	17	US-10-461-885-13	Sequence 13, Appl
25	57	67.9	121	15	US-10-389-155-11	Sequence 11, Appl
26	57	67.9	121	15	US-10-389-157-11	Sequence 11, Appl
27	57	67.9	121	15	US-10-452-357-50	Sequence 50, Appl
28	57	67.9	157	15	US-10-826-795-12	Sequence 12, Appl
29	57	67.9	225	16	US-10-128-520-173	Sequence 173, Appl
30	57	67.9	241	17	US-10-887-231-13	Sequence 13, Appl
31	57	67.9	730	20	US-11-035-599-30	Sequence 30, Appl
32	57	67.9	730	20	US-11-035-599-31	Sequence 31, Appl
33	57	67.9	761	20	US-11-035-599-29	Sequence 29, Appl
34	57	67.9	762	20	US-11-035-599-28	Sequence 28, Appl
35	56.5	67.3	118	16	US-10-342-959-5	Sequence 5, Appl
36	56.5	67.3	118	16	US-10-342-959-6	Sequence 6, Appl
37	56.5	67.3	118	16	US-10-342-959-7	Sequence 7, Appl
38	56.5	67.3	118	16	US-10-342-959-8	Sequence 8, Appl
39	56	66.7	119	14	US-10-207-655-258	Sequence 258, Appl
40	56	66.7	119	15	US-10-460-595-5	Sequence 5, Appl
41	56	66.7	119	16	US-10-774-076-2	Sequence 2, Appl
42	56	66.7	119	18	US-10-627-556-46	Sequence 46, Appl
43	56	66.7	121	15	US-10-372-481-13	Sequence 13, Appl
44	56	66.7	121	15	US-10-371-797-13	Sequence 13, Appl
45	56	66.7	138	16	US-10-774-076-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-09-887-853-6
Sequence 6, Application US/09887853
Patent No. US20020168375A1
GENERAL INFORMATION:
APPLICANT: Huston, James S.
Operator: Hermann
Houston, L. L.
Ring, David B.
TITLE OF INVENTION: Biosynthetic Binding Proteins For
Imaging
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESS: Testa, Hurwitz & Thibault/Patent Department
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/887,853
FILING DATE: 21-Jun-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/133,804
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637

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/ REFERENCE/DOCKET NUMBER: 2054/22
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-248-7477
/ TELEFAX: 617-248-7100
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 243 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6

Query Match          100.0%; Score 84; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 2,3e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRRFGPAY 15
Db 90 DSATYFCARRRFGPAY 104

RESULT 2
US-10-683-547-6
/ Sequence 6, Application US/10683547
/ Publication No. US20050058638A1
/ GENERAL INFORMATION:
/ APPLICANT: Huston, J.
/ APPLICANT: Houston, L.L.
/ APPLICANT: Ring, D.
/ APPLICANT: Oppenmann, H.
/ TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
/ FILE REFERENCE: CIBT-P01-130
/ CURRENT APPLICATION NUMBER: US/10/683,547
/ CURRENT FILING DATE: 2003-10-10
/ PRIOR APPLICATION NUMBER: US/09/558,741
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 07/831,967
/ PRIOR FILING DATE: 1992-02-06
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 243
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 520C9 sFv
US-10-683-547-6

Query Match          100.0%; Score 84; DB 17; Length 243;
Best Local Similarity 100.0%; Pred. No. 2,3e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRRFGPAY 15
Db 90 DSATYFCARRRFGPAY 104

RESULT 3
US-09-766-543-12
/ Sequence 12, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: PP01679, 002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
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/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 12
/ LENGTH: 276
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus
US-09-766-543-12

Query Match          96.4%; Score 81; DB 9; Length 276;
Best Local Similarity 93.3%; Pred. No. 7,9e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DSATYFCARRRFGPAY 15
Db 112 DTAVYFCARRRFGPAY 126

RESULT 4
US-09-766-543-10
/ Sequence 10, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: PP01679, 002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 10
/ LENGTH: 267
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: 520C9
/ OTHER INFORMATION: humanized single-chain antibody used in the
/ OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10

Query Match          86.9%; Score 73; DB 9; Length 267;
Best Local Similarity 80.0%; Pred. No. 0.0014;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 DSATYFCARRRFGPAY 15
Db 112 DTAVYFCARRRFGPAY 126

RESULT 5
US-10-342-959-2
/ Sequence 2, Application US/10342959
/ Publication No. US20040137000A1
/ GENERAL INFORMATION:
/ APPLICANT: Lynn, Shugene
/ TITLE OF INVENTION: Designed Deimmunized Monoclonal Antibodies for Protection Against
/ TITLE OF INVENTION: HIV Exposure and Treatment of HIV Infection
/ FILE REFERENCE: 1151-4173
/ CURRENT APPLICATION NUMBER: US/10/342,959
/ CURRENT FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 2
/ LENGTH: 118
/ TYPE: PRT
/ ORGANISM: mouse
US-10-342-959-2
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US-10-410-962-54
; Sequence 54, Application US/10410962
; Publication No. US20040077836A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: GLYCOCONJUGATION OF G-CSF
; FILE REFERENCE: 040853-01-5054
; CURRENT APPLICATION NUMBER: US/10/410,962
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-410-962-54

Query Match          69.0%; Score 58; DB 15; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY      1 DSATYFCARRFG---FAY 15
Db      90 DSAVYFCARRDGNVGMFAY 108

RESULT 10
US-10-411-049-54
; Sequence 54, Application US/10411049
; Publication No. US20040082026A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: INTERFERON ALPHA: REMODELING AND GLYCOCONJUGATION OF INTERFERON
; FILE REFERENCE: 040853-01-5055
; CURRENT APPLICATION NUMBER: US/10/411,049
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
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; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-411-049-54

Query Match          69.0%; Score 58; DB 15; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY      1 DSATYFCARRFG---FAY 15
Db      90 DSAVYFCARRDGNVGMFAY 108

RESULT 11
US-10-410-930-54
; Sequence 54, Application US/10410930
; Publication No. US20040115168A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: INTERFERON BETA: REMODELING AND GLYCOCONJUGATION OF INTERFERON
; FILE REFERENCE: 040853-01-5056
; CURRENT APPLICATION NUMBER: US/10/410,930
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-410-930-54

Query Match          69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

QY      1 DSATYFCARRFG---FAY 15
Db      90 DSAVYFCARRDGNVGMFAY 108

RESULT 12
US-10-410-997-54
; Sequence 54, Application US/10410997
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; Publication No. US20040126838A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: FOLLICLE STIMULATING HORMONE: REMODELING AND GLYCOCONJUGATION OF
; FILE REFERENCE: 040853-01-5059
; CURRENT APPLICATION NUMBER: US/10/410,997
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-410-997-54

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy      1 DSATYFCARRFG---FAY 15
Db      90 DSAVYFCARRDGNYGWFAY 108

RESULT 13
; US-10-411-012-54
; Sequence 54, Application US/10411012
; Publication No. US20040132640A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: GLYCOREGULATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE
; FILE REFERENCE: 040853-01-5051
; CURRENT APPLICATION NUMBER: US/10/411,012
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
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; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-411-012-54

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy      1 DSATYFCARRFG---FAY 15
Db      90 DSAVYFCARRDGNYGWFAY 108

RESULT 14
; US-10-287-994-54
; Sequence 54, Application US/10287994
; Publication No. US20040137557A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Bove, Caryn
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; TITLE OF INVENTION: REMODELING AND GLYCOCONJUGATION OF PEPTIDES
; FILE REFERENCE: 040853-01-5052-00
; CURRENT APPLICATION NUMBER: US/10/287,994
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-287-994-54

Query Match      69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;

Qy      1 DSATYFCARRFG---FAY 15
Db      90 DSAVYFCARRDGNYGWFAY 108

RESULT 15
; US-10-410-913-54
; Sequence 54, Application US/10410913
; Publication No. US20040142856A1
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
```

```

; APPLICANT: Defrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bove, Caryn
; TITLE OF INVENTION: GLYCOCONJUGATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE
; FILE REFERENCE: 040853-01-5081
; CURRENT APPLICATION NUMBER: US/10/410,913
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-410-913-54

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Query Match          69.0%; Score 58; DB 16; Length 119;
Best Local Similarity 68.4%; Pred. No. 0.16;
Matches 13; Conservative 0; Mismatches 2; Indels 4; Gaps 1;
Qy      1 DSATYFCARRFG---FAY 15
Db      90 DSATYFCARRRDGNYGWFA 108

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Search completed: August 22, 2005, 15:38:26
 Job time : 103.188 secs

US-08-133-804-6
; Sequence 6, Application US/08133804
; Patent No. 5534254
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,804
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-133-804-6

Query Match 100.0%; Score 97; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 4.4e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFKE 17
DB 50 WINTYGOSTYADDFKE 66

RESULT 3
; US-08-461-838-6
; Sequence 6, Application US/08461838
; Patent No. 5753204
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,838
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-838-6

Query Match 100.0%; Score 97; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 4.4e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFKE 17
DB 50 WINTYGOSTYADDFKE 66

RESULT 4
; US-08-461-386-6
; Sequence 6, Application US/08461386
; Patent No. 5837846
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,386
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-386-6

Query Match 100.0%; Score 97; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 4,4e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WINTYGSTYADDFKE 17
|||||
Db 50 WINTYGSTYADDFKE 66

RESULT 5

US-08-356-786-4
; Sequence 4, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-356-786-4

Query Match 100.0%; Score 97; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 4,4e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WINTYGSTYADDFKE 17
|||||
Db 50 WINTYGSTYADDFKE 66

RESULT 6

US-08-356-786-10
; Sequence 10, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
TITLE OF INVENTION: Marker
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,786
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/831,967
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
REGISTRATION NUMBER: 27,829
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 534 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-356-786-10

Query Match 100.0%; Score 97; DB 2; Length 534;
Best Local Similarity 100.0%; Pred. No. 9,8e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WINTYGSTYADDFKE 17
|||||
Db 339 WINTYGSTYADDFKE 355

RESULT 7

US-08-875-811-53
; Sequence 53, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rydak, Susanna M.
; APPLICANT: Newton, Diane L.
; APPLICANT: Boque, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-53

Query Match 91.8%; Score 89; DB 3; Length 365;
Best Local Similarity 93.8%; Pred. No. 1.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 WINTYTGOSTYADDFK 16
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Db 168 WINTYTGESTYADDFK 183

RESULT 8
US-08-875-811-55
Sequence 55, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 366 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-55

Query Match 91.8%; Score 89; DB 3; Length 366;
Best Local Similarity 93.8%; Pred. No. 1.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 WINTYTGOSTYADDFK 16
|||||:|||||
Db 51 WINTYTGESTYADDFK 66

RESULT 9
US-08-279-772A-6
Sequence 6, Application US/08279772A
Patent No. 6080560
GENERAL INFORMATION:
APPLICANT: Russell, David R
APPLICANT: Fuller, James T
TITLE OF INVENTION: Method for Producing Antibodies in Plant
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles and Brady
STREET: PO Box 2113
CITY: Madison
STATE: WI
COUNTRY: United States of America
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/279,772A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas U.
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 11-229-9097-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-279-772A-6
Query Match 89.7%; Score 87; DB 3; Length 252;
Best Local Similarity 93.8%; Pred. No. 1.5e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYTGOSTYADDFK 16
|||||:|||||
Db 180 WINTYTGOSTYADDFK 195

RESULT 10
US-08-902-486-9
Sequence 9, Application US/08902486
Patent No. 6140075
GENERAL INFORMATION:
APPLICANT: Russell, David R.
APPLICANT: Fuller, James T.
TITLE OF INVENTION: METHOD FOR PRODUCING ANTIBODIES AND
PROTEIN TOXINS IN PLANT CELLS

NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Charles & Brady
STREET: 1 South Pinckney Street
CITY: Madison
STATE: WI
COUNTRY: US
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,486
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27386
REFERENCE/DOCKET NUMBER: 670513.90261
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-902-486-9

Query Match 89.7%; Score 87; DB 3; Length 252;
Best Local Similarity 93.8%; Pred. No. 1.5e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 WINTYGSTYADDFK 16
Db 180 WINTYGSTYADDFK 195

RESULT 11
US-09-485-737B-102
Sequence 102, Application US/09485737B
Patent No. 6350860
GENERAL INFORMATION:
APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
FILE REFERENCE: INNS:015
CURRENT APPLICATION NUMBER: US/09/485,737B
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: EPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: Patentin version 3.0
SEQ ID NO 102
LENGTH: 230
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: SYNTHETIC
US-09-485-737B-102

Query Match 87.6%; Score 85; DB 3; Length 230;
Best Local Similarity 87.5%; Pred. No. 2.7e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 WINTYGSTYADDFK 16
Db 50 WINTYGSTYADDFK 65

RESULT 12
US-10-071-485-102
Sequence 102, Application US/10071485
Patent No. 6830752
GENERAL INFORMATION:
APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC
SHOCK,
FILE REFERENCE: INNS:015
CURRENT APPLICATION NUMBER: US/10/071,485
CURRENT FILING DATE: 2002-02-07
PRIOR APPLICATION NUMBER: 09/485,737
PRIOR FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: EPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: Patentin version 3.0
SEQ ID NO 102
LENGTH: 230
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: SYNTHETIC
US-10-071-485-102

Query Match 87.6%; Score 85; DB 4; Length 230;
Best Local Similarity 87.5%; Pred. No. 2.7e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 WINTYGSTYADDFK 16
Db 50 WINTYGSTYADDFK 65

RESULT 13
US-09-485-737B-93
Sequence 93, Application US/09485737B
Patent No. 6350860
GENERAL INFORMATION:
APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
FILE REFERENCE: INNS:015
CURRENT APPLICATION NUMBER: US/09/485,737B
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: EPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: Patentin version 3.0
SEQ ID NO 93
LENGTH: 235
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: SYNTHETIC
US-09-485-737B-93

Query Match 87.6%; Score 85; DB 3; Length 235;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFK 16
|||||:|||||
DB 50 WINTYGESTYVDDFK 65

RESULT 14
US-10-071-485-93
; Sequence 93, Application US/10071485
; Patent No. 6830752
; GENERAL INFORMATION:
; APPLICANT: Buyse, Marie-Ange
; APPLICANT: Sablon, Erwin
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC
; TITLE OF INVENTION: SHOCK,
; FILE REFERENCE: INNS:015
; CURRENT APPLICATION NUMBER: US/10/071,485
; CURRENT FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: 09/485,737
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165
; PRIOR FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: EPO 98870139.7
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: EPO 97870122.5
; PRIOR FILING DATE: 1997-08-18
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 93
; LENGTH: 235
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: SYNTHETIC
US-10-071-485-93

Query Match 87.6%; Score 85; DB 4; Length 235;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFK 16
|||||:|||||
DB 50 WINTYGESTYVDDFK 65

RESULT 15
US-09-485-737B-91
; Sequence 91, Application US/09485737B
; Patent No. 6350860
; GENERAL INFORMATION:
; APPLICANT: Buyse, Marie-Ange
; APPLICANT: Sablon, Erwin
; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
; FILE REFERENCE: INNS:015
; CURRENT APPLICATION NUMBER: US/09/485,737B
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: PCT/EP 98/05165
; PRIOR FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: EPO 98870139.7
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: EPO 97870122.5
; PRIOR FILING DATE: 1997-08-18
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 91
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: SYNTHETIC
US-09-485-737B-91

Query Match 87.6%; Score 85; DB 3; Length 240;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYGOSTYADDFK 16
|||||:|||||
DB 50 WINTYGESTYVDDFK 65

Search completed: August 22, 2005, 15:02:24
Job time : 34 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 115.812 Seconds
(without alignments)
57.481 Million cell updates/sec

Title: US-09-887-853-6_COPY_50_66

Perfect score: 97

Sequence: 1 WINTYGTGSTRYADDFKE 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubppaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubppaa/PCTUS_PUBCOMB.pep.*
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- 10: /cgn2_6/ptodata/1/pubppaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubppaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubppaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubppaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubppaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubppaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubppaa/US10D_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/1/pubppaa/US10E_PUBCOMB.pep.*
- 18: /cgn2_6/ptodata/1/pubppaa/US10_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/1/pubppaa/US11A_PUBCOMB.pep.*
- 20: /cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep.*
- 21: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep.*
- 22: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	97	100.0	243	9 US-09-887-853-6	Sequence 6, Appl1
2	97	100.0	243	17 US-10-627-556-410	Sequence 6, Appl1
3	97	100.0	267	9 US-09-766-543-10	Sequence 10, Appl1
4	97	100.0	276	9 US-09-766-543-12	Sequence 12, Appl1
5	89	91.8	116	9 US-09-971-543-8	Sequence 8, Appl1
6	89	91.8	253	9 US-09-971-543-2	Sequence 2, Appl1
7	87	89.7	121	18 US-10-627-556-406	Sequence 406, App
8	87	89.7	121	18 US-10-627-556-410	Sequence 410, App
9	87	89.7	268	18 US-10-627-556-408	Sequence 408, App
10	87	89.7	268	18 US-10-627-556-412	Sequence 412, App
11	87	89.7	501	18 US-10-627-556-416	Sequence 416, App

12	87	89.7	507	18	US-10-627-556-414	Sequence 414, App
13	85	87.6	230	14 <td>US-10-071-485-102</td> <td>Sequence 102, App</td>	US-10-071-485-102	Sequence 102, App
14	85	87.6	230	18 <td>US-10-985-581-102</td> <td>Sequence 102, App</td>	US-10-985-581-102	Sequence 102, App
15	85	87.6	235	14 <td>US-10-071-485-93</td> <td>Sequence 93, App</td>	US-10-071-485-93	Sequence 93, App
16	85	87.6	235	18 <td>US-10-985-581-93</td> <td>Sequence 93, App</td>	US-10-985-581-93	Sequence 93, App
17	85	87.6	240	14 <td>US-10-071-485-91</td> <td>Sequence 91, App</td>	US-10-071-485-91	Sequence 91, App
18	85	87.6	240	18 <td>US-10-985-581-91</td> <td>Sequence 91, App</td>	US-10-985-581-91	Sequence 91, App
19	85	87.6	267	14 <td>US-10-071-485-2</td> <td>Sequence 2, Appl1</td>	US-10-071-485-2	Sequence 2, Appl1
20	85	87.6	267	18 <td>US-10-985-581-2</td> <td>Sequence 2, Appl1</td>	US-10-985-581-2	Sequence 2, Appl1
21	85	87.6	468	14 <td>US-10-071-485-67</td> <td>Sequence 67, Appl1</td>	US-10-071-485-67	Sequence 67, Appl1
22	85	87.6	468	18 <td>US-10-985-581-67</td> <td>Sequence 67, Appl1</td>	US-10-985-581-67	Sequence 67, Appl1
23	85	87.6	541	14 <td>US-10-071-485-85</td> <td>Sequence 85, Appl1</td>	US-10-071-485-85	Sequence 85, Appl1
24	85	87.6	541	18 <td>US-10-985-581-85</td> <td>Sequence 85, Appl1</td>	US-10-985-581-85	Sequence 85, Appl1
25	85	87.6	711	14 <td>US-10-071-485-90</td> <td>Sequence 90, Appl1</td>	US-10-071-485-90	Sequence 90, Appl1
26	85	87.6	711	18 <td>US-10-985-581-90</td> <td>Sequence 90, Appl1</td>	US-10-985-581-90	Sequence 90, Appl1
27	84	86.6	17	10 <td>US-09-791-551-86</td> <td>Sequence 86, Appl1</td>	US-09-791-551-86	Sequence 86, Appl1
28	84	86.6	17	16 <td>US-10-018-245A-2</td> <td>Sequence 2, Appl1</td>	US-10-018-245A-2	Sequence 2, Appl1
29	84	86.6	17	16 <td>US-10-467-253-5</td> <td>Sequence 5, Appl1</td>	US-10-467-253-5	Sequence 5, Appl1
30	84	86.6	67	14 <td>US-10-243-130-19</td> <td>Sequence 19, Appl1</td>	US-10-243-130-19	Sequence 19, Appl1
31	84	86.6	70	14 <td>US-10-243-130-17</td> <td>Sequence 17, Appl1</td>	US-10-243-130-17	Sequence 17, Appl1
32	84	86.6	70	14 <td>US-10-243-130-18</td> <td>Sequence 18, Appl1</td>	US-10-243-130-18	Sequence 18, Appl1
33	84	86.6	70	17 <td>US-10-901-650-17</td> <td>Sequence 17, Appl1</td>	US-10-901-650-17	Sequence 17, Appl1
34	84	86.6	70	17 <td>US-10-901-650-18</td> <td>Sequence 18, Appl1</td>	US-10-901-650-18	Sequence 18, Appl1
35	84	86.6	70	17 <td>US-10-901-650-19</td> <td>Sequence 19, Appl1</td>	US-10-901-650-19	Sequence 19, Appl1
36	84	86.6	112	15 <td>US-10-383-447-10</td> <td>Sequence 10, Appl1</td>	US-10-383-447-10	Sequence 10, Appl1
37	84	86.6	112	15 <td>US-10-383-447-18</td> <td>Sequence 18, Appl1</td>	US-10-383-447-18	Sequence 18, Appl1
38	84	86.6	113	16 <td>US-10-830-899-50</td> <td>Sequence 50, Appl1</td>	US-10-830-899-50	Sequence 50, Appl1
39	84	86.6	113	16 <td>US-10-830-899-57</td> <td>Sequence 57, Appl1</td>	US-10-830-899-57	Sequence 57, Appl1
40	84	86.6	113	17 <td>US-10-861-662-50</td> <td>Sequence 50, Appl1</td>	US-10-861-662-50	Sequence 50, Appl1
41	84	86.6	113	17 <td>US-10-861-662-57</td> <td>Sequence 57, Appl1</td>	US-10-861-662-57	Sequence 57, Appl1
42	84	86.6	116	14 <td>US-10-138-727A-2</td> <td>Sequence 2, Appl1</td>	US-10-138-727A-2	Sequence 2, Appl1
43	84	86.6	116	14 <td>US-10-138-727A-18</td> <td>Sequence 18, Appl1</td>	US-10-138-727A-18	Sequence 18, Appl1
44	84	86.6	116	14 <td>US-10-138-727A-19</td> <td>Sequence 19, Appl1</td>	US-10-138-727A-19	Sequence 19, Appl1
45	84	86.6	116	14 <td>US-10-138-727A-20</td> <td>Sequence 20, Appl1</td>	US-10-138-727A-20	Sequence 20, Appl1

ALIGNMENTS

RESULT 1
US-09-887-853-6
Sequence 6, Application US/09887853
Patent No. US20020168375A1

GENERAL INFORMATION:
APPLICANT: Huston, James S.
Opfermann, Hermann
Houston, L. L.
Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Proteins For Imaging

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESSES:
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/887,853
FILING DATE: 21-Jun-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/133,804
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637

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/ REFERENCE/DOCKET NUMBER: 2054/22
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-248-7477
/ TELEFAX: 617-248-7100
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 243 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6

Query Match          100.0%; Score 97; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 4,1e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGOSTYADDFKE 17
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        50 WINTYTGOSTYADDFKE 66

RESULT 2
US-10-683-547-6
/ Sequence 6, Application US/10683547
/ Publication No. US20050058638A1
/ GENERAL INFORMATION:
/ APPLICANT: Huston, J.
/ APPLICANT: Houston, L.L.
/ APPLICANT: Ring, D.
/ APPLICANT: Oppermann, H.
/ TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
/ FILE REFERENCE: CIBT-P01-130
/ CURRENT APPLICATION NUMBER: US/10/683,547
/ CURRENT FILING DATE: 2003-10-10
/ PRIOR APPLICATION NUMBER: US/09/558,741
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 07/831,967
/ PRIOR FILING DATE: 1992-02-06
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 243
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 520C9 sFv
US-10-683-547-6

Query Match          100.0%; Score 97; DB 17; Length 243;
Best Local Similarity 100.0%; Pred. No. 4,1e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGOSTYADDFKE 17
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        50 WINTYTGOSTYADDFKE 66

RESULT 3
US-09-766-543-10
/ Sequence 10, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: PP01679.002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
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/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 10
/ LENGTH: 267
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: 520C9
/ OTHER INFORMATION: humanized single-chain antibody used in the
/ OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10

Query Match          100.0%; Score 97; DB 9; Length 267;
Best Local Similarity 100.0%; Pred. No. 4,5e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGOSTYADDFKE 17
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        72 WINTYTGOSTYADDFKE 88

RESULT 4
US-09-766-543-12
/ Sequence 12, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: PP01679.002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 12
/ LENGTH: 276
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus
US-09-766-543-12

Query Match          100.0%; Score 97; DB 9; Length 276;
Best Local Similarity 100.0%; Pred. No. 4,7e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 WINTYTGOSTYADDFKE 17
        |||||||
        72 WINTYTGOSTYADDFKE 88

RESULT 5
US-09-971-543-8
/ Sequence 8, Application US/0971543
/ Patent No. US20020146846A1
/ GENERAL INFORMATION:
/ APPLICANT: PLUCKTHUN, ANDREAS
/ APPLICANT: HONEGGER, ANNEMARIE
/ APPLICANT: WILDHA, JORG
/ TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
/ TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
/ TITLE OF INVENTION: STABILIZED ANTI-BGP-2 scFv FRAGMENT
/ FILE REFERENCE: PLUCK-3 CON
/ CURRENT APPLICATION NUMBER: US/09/971,543
/ CURRENT FILING DATE: 2001-10-04
/ PRIOR APPLICATION NUMBER: PCT/EP00/03176
/ PRIOR FILING DATE: 2000-04-10
/ PRIOR APPLICATION NUMBER: EP 99 10 7030.1
/ PRIOR FILING DATE: 1999-04-09
/ NUMBER OF SEQ ID NOS: 12
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 116
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-971-543-8

Query Match 91.8%; Score 89; DB 9; Length 116;
Best Local Similarity 93.8%; Pred. No. 3.5e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WINTYGOSTYADDFK 16
Db 50 WINTYGOSTYADDFK 65

RESULT 6
US-09-971-543-2
; Sequence 2, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKHON, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILLUDA, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-BGP-2 scFv FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: PCT/EP00/03176
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-971-543-2

Query Match 91.8%; Score 89; DB 9; Length 253;
Best Local Similarity 93.8%; Pred. No. 7.9e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WINTYGOSTYADDFK 16
Db 187 WINTYGOSTYADDFK 202

RESULT 7
US-10-627-556-406
; Sequence 406, Application US/10627556
; Publication No. US20050136049A1
; GENERAL INFORMATION:
; APPLICANT: LEDBETTER, JEFFREY A.
; APPLICANT: HAYDEN-LEDBETTER, MARTHA
; APPLICANT: THOMPSON, PETER A.
; TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
; FILE REFERENCE: 48076.000004.CIP2
; CURRENT APPLICATION NUMBER: US/10/627,556
; CURRENT FILING DATE: 2003-07-26
; PRIOR APPLICATION NUMBER: 10/053,530
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 60/367,358
; PRIOR FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 09/765,208
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/385,691
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 699
; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 406
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-406

Query Match 89.7%; Score 87; DB 18; Length 121;
Best Local Similarity 93.8%; Pred. No. 7.7e-06;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WINTYGOSTYADDFK 16
Db 50 WINTYGOSTYADDFK 65

RESULT 8
US-10-627-556-410
; Sequence 410, Application US/10627556
; Publication No. US20050136049A1
; GENERAL INFORMATION:
; APPLICANT: LEDBETTER, JEFFREY A.
; APPLICANT: HAYDEN-LEDBETTER, MARTHA
; APPLICANT: THOMPSON, PETER A.
; TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
; FILE REFERENCE: 48076.000004.CIP2
; CURRENT APPLICATION NUMBER: US/10/627,556
; CURRENT FILING DATE: 2003-07-26
; PRIOR APPLICATION NUMBER: 10/053,530
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 60/367,358
; PRIOR FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 09/765,208
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/385,691
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 699
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 410
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-627-556-410

Query Match 89.7%; Score 87; DB 18; Length 121;
Best Local Similarity 93.8%; Pred. No. 7.7e-06;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WINTYGOSTYADDFK 16
Db 50 WINTYGOSTYADDFK 65

RESULT 9
US-10-627-556-408
; Sequence 408, Application US/10627556
; Publication No. US20050136049A1
; GENERAL INFORMATION:
; APPLICANT: LEDBETTER, JEFFREY A.
; APPLICANT: HAYDEN-LEDBETTER, MARTHA
; APPLICANT: THOMPSON, PETER A.
; TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
; FILE REFERENCE: 48076.000004.CIP2
; CURRENT APPLICATION NUMBER: US/10/627,556
; CURRENT FILING DATE: 2003-07-26
; PRIOR APPLICATION NUMBER: 10/053,530
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 60/367,358

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/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 408
/ LENGTH: 268
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: amino acid sequence
US-10-627-556-408
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Query Match      89.7%; Score 87; DB 18; Length 268;
Best Local Similarity 93.8%; Pred. No. 1.7e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
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RESULT 10
US-10-627-556-412
/ Sequence 412, Application US/10627556
/ Publication No. US20050136049A1
/ GENERAL INFORMATION:
/ APPLICANT: LEDBETTER, JEFFREY A.
/ APPLICANT: HAYDEN-LEDBETTER, MARTHA
/ APPLICANT: THOMPSON, PETER A.
/ TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 49076.000004.C1P2
/ CURRENT APPLICATION NUMBER: US/10/627,556
/ PRIOR FILING DATE: 2003-07-26
/ PRIOR APPLICATION NUMBER: 10/053,530
/ PRIOR FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: 60/367,358
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 412
/ LENGTH: 268
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: amino acid sequence
US-10-627-556-412
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Query Match      89.7%; Score 87; DB 18; Length 268;
Best Local Similarity 93.8%; Pred. No. 1.7e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
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RESULT 11
US-10-627-556-416
/ Sequence 416, Application US/10627556
/ Publication No. US20050136049A1
/ GENERAL INFORMATION:
/ APPLICANT: LEDBETTER, JEFFREY A.
/ APPLICANT: HAYDEN-LEDBETTER, MARTHA
/ APPLICANT: THOMPSON, PETER A.
```

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/ TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 49076.000004.C1P2
/ CURRENT APPLICATION NUMBER: US/10/627,556
/ CURRENT FILING DATE: 2003-07-26
/ PRIOR APPLICATION NUMBER: 10/053,530
/ PRIOR FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: 60/367,358
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 416
/ LENGTH: 501
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: amino acid sequence
US-10-627-556-416
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Query Match      89.7%; Score 87; DB 18; Length 501;
Best Local Similarity 93.8%; Pred. No. 3.3e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
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RESULT 12
US-10-627-556-414
/ Sequence 414, Application US/10627556
/ Publication No. US20050136049A1
/ GENERAL INFORMATION:
/ APPLICANT: LEDBETTER, JEFFREY A.
/ APPLICANT: HAYDEN-LEDBETTER, MARTHA
/ APPLICANT: THOMPSON, PETER A.
/ TITLE OF INVENTION: BINDING CONSTRUCTS AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 49076.000004.C1P2
/ CURRENT APPLICATION NUMBER: US/10/627,556
/ CURRENT FILING DATE: 2003-07-26
/ PRIOR APPLICATION NUMBER: 10/053,530
/ PRIOR FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: 60/367,358
/ PRIOR FILING DATE: 2002-01-16
/ PRIOR APPLICATION NUMBER: 09/765,208
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/385,691
/ PRIOR FILING DATE: 2002-06-03
/ NUMBER OF SEQ ID NOS: 699
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 414
/ LENGTH: 507
/ TYPE: PRT
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: amino acid sequence
US-10-627-556-414
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Query Match      89.7%; Score 87; DB 18; Length 507;
Best Local Similarity 93.8%; Pred. No. 3.3e-05;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 WINTYTGOSTYADDFK 16
Db      197 WINTYTGOPYADDFK 212
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RESULT 13

US-10-071-485-102
 ; Sequence 102, Application US/10071485
 ; Publication No. US20030099648A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Buyee, Marie-Ange
 ; APPLICANT: Sablon, Erwin
 ; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
 ; TITLE OF INVENTION: SHOCK,
 ; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
 ; FILE REFERENCE: INNS:015
 ; CURRENT APPLICATION NUMBER: US/10/071,485
 ; CURRENT FILING DATE: 2002-02-07
 ; PRIOR APPLICATION NUMBER: 09/485,737
 ; PRIOR FILING DATE: 2000-02-14
 ; PRIOR APPLICATION NUMBER: PCT/EP 98/05165
 ; PRIOR FILING DATE: 1998-08-14
 ; PRIOR APPLICATION NUMBER: EPO 98870139.7
 ; PRIOR FILING DATE: 1998-06-18
 ; PRIOR APPLICATION NUMBER: EPO 97870122.5
 ; PRIOR FILING DATE: 1997-08-18
 ; NUMBER OF SEQ ID NOS: 104
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 102
 ; LENGTH: 230
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: SYNTHETIC
 US-10-071-485-102

Query Match 87.6%; Score 85; DB 14; Length 230;
 Best Local Similarity 87.5%; Pred. No. 3.1e-05;
 Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYQSTYADDFK 16
 |||||:||||
 Db 50 WINTYGESTYVDDFK 65

RESULT 14
 US-10-985-581-102
 ; Sequence 102, Application US/10985581
 ; Publication No. US20050129693A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Buyee, Marie-Ange
 ; APPLICANT: Sablon, Erwin
 ; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
 ; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
 ; FILE REFERENCE: 11362.0015, DVUS02
 ; CURRENT APPLICATION NUMBER: US/10/985,581
 ; CURRENT FILING DATE: 2004-11-10
 ; PRIOR APPLICATION NUMBER: US 10/071,485
 ; PRIOR FILING DATE: 2002-02-07
 ; PRIOR APPLICATION NUMBER: US 09/485,737
 ; PRIOR FILING DATE: 2000-02-14
 ; PRIOR APPLICATION NUMBER: PCT/EP 98/05165
 ; PRIOR FILING DATE: 1998-08-14
 ; PRIOR APPLICATION NUMBER: EPO 98870139.7
 ; PRIOR FILING DATE: 1998-06-18
 ; PRIOR APPLICATION NUMBER: EPO 97870122.5
 ; PRIOR FILING DATE: 1997-08-18
 ; NUMBER OF SEQ ID NOS: 104
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 102
 ; LENGTH: 230
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-10-985-581-102

Query Match 87.6%; Score 85; DB 18; Length 230;
 Best Local Similarity 87.5%; Pred. No. 3.1e-05;

Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 1 WINTYQSTYADDFK 16
 |||||:||||
 Db 50 WINTYGESTYVDDFK 65

RESULT 15
 US-10-071-485-93
 ; Sequence 93, Application US/10071485
 ; Publication No. US20030099648A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Buyee, Marie-Ange
 ; APPLICANT: Sablon, Erwin
 ; TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
 ; TITLE OF INVENTION: SHOCK,
 ; TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
 ; FILE REFERENCE: INNS:015
 ; CURRENT APPLICATION NUMBER: US/10/071,485
 ; CURRENT FILING DATE: 2002-02-07
 ; PRIOR APPLICATION NUMBER: 09/485,737
 ; PRIOR FILING DATE: 2000-02-14
 ; PRIOR APPLICATION NUMBER: PCT/EP 98/05165
 ; PRIOR FILING DATE: 1998-08-14
 ; PRIOR APPLICATION NUMBER: EPO 98870139.7
 ; PRIOR FILING DATE: 1998-06-18
 ; PRIOR APPLICATION NUMBER: EPO 97870122.5
 ; PRIOR FILING DATE: 1997-08-18
 ; NUMBER OF SEQ ID NOS: 104
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 93
 ; LENGTH: 235
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: SYNTHETIC
 US-10-071-485-93

Query Match 87.6%; Score 85; DB 14; Length 235;
 Best Local Similarity 87.5%; Pred. No. 3.1e-05;
 Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 WINTYQSTYADDFK 16
 |||||:||||
 Db 50 WINTYGESTYVDDFK 65

Search completed: August 22, 2005, 15:38:25
 Job time: 115.812 secs

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Mon Aug 22 15:46:58 2005

en Ltd.

GenCore version 2.0

Search time 10 Seconds

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Without alignments

37.325 Million cell updates/sec

OM protein - protein search, using

August 22, 2005

Run on: US-0649064 residues

Scoring: 30 Ang chosen parameters: 513545

Sequence: 13600000000

Scoring: 30 Ang chosen parameters: 513545

Scoring: 30 Ang chosen parameters: 513545

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Scoring: 30 Ang chosen parameters: 513545

Scoring: 30 Ang chosen parameters: 513545

Scoring: 30 Ang chosen parameters: 513545

Scoring: 30 Ang chosen parameters: 513545

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No	Score	Query Match	Length	ID	Description
1	30	100.0	5	US-08-783-853A-8	Sequence 8, Appli
2	30	100.0	5	US-09-344-050-8	Sequence 8, Appli
3	30	100.0	74	US-09-134-001C-3503	Sequence 3503, Ap
4	30	100.0	92	US-08-783-853A-84	Sequence 84, Appli
5	30	100.0	92	US-09-344-050-84	Sequence 84, Appli
6	30	100.0	112	US-08-783-853A-20	Sequence 20, Appli
7	30	100.0	112	US-09-344-050-20	Sequence 20, Appli
8	30	100.0	115	US-08-483-749A-24	Sequence 24, Appli
9	30	100.0	117	US-08-249-013-6	Sequence 6, Appli
10	30	100.0	117	US-08-886-863-6	Sequence 6, Appli
11	30	100.0	117	US-09-175-229-6	Sequence 6, Appli
12	30	100.0	117	PCT-US95-06764-6	Sequence 6, Appli
13	30	100.0	118	US-08-425-336-124	Sequence 124, App
14	30	100.0	118	US-08-425-336-126	Sequence 126, App
15	30	100.0	118	US-08-488-113B-124	Sequence 124, App
16	30	100.0	118	US-08-488-113B-126	Sequence 126, App
17	30	100.0	118	US-08-477-848B-124	Sequence 124, App
18	30	100.0	118	US-08-477-848B-126	Sequence 126, App
19	30	100.0	118	US-08-107-669D-28	Sequence 28, Appli
20	30	100.0	118	US-08-107-669D-29	Sequence 29, Appli
21	30	100.0	118	US-08-107-669D-66	Sequence 66, Appli
22	30	100.0	118	US-08-107-669D-67	Sequence 67, Appli
23	30	100.0	118	US-08-472-788A-28	Sequence 28, Appli
24	30	100.0	118	US-08-472-788A-29	Sequence 29, Appli
25	30	100.0	118	US-08-472-788A-88	Sequence 88, Appli
26	30	100.0	118	US-08-472-788A-89	Sequence 89, Appli
27	30	100.0	118	US-08-477-531B-28	Sequence 28, Appli

28	30	100.0	118	2	US-08-477-531B-29	Sequence 29, Appli
29	30	100.0	118	2	US-08-477-531B-66	Sequence 66, Appli
30	30	100.0	118	2	US-08-477-531B-67	Sequence 67, Appli
31	30	100.0	118	2	US-08-646-360-124	Sequence 124, App
32	30	100.0	118	2	US-08-646-360-126	Sequence 126, App
33	30	100.0	118	2	US-08-082-842A-28	Sequence 28, Appli
34	30	100.0	118	2	US-08-082-842A-29	Sequence 29, Appli
35	30	100.0	118	2	US-08-082-842A-88	Sequence 88, Appli
36	30	100.0	118	2	US-08-082-842A-89	Sequence 89, Appli
37	30	100.0	118	3	US-08-839-765-124	Sequence 124, App
38	30	100.0	118	3	US-08-839-765-126	Sequence 126, App
39	30	100.0	118	3	US-09-136-389-124	Sequence 124, App
40	30	100.0	118	3	US-09-136-389-126	Sequence 126, App
41	30	100.0	118	3	US-09-610-838-124	Sequence 124, App
42	30	100.0	118	3	US-09-610-838-126	Sequence 126, App
43	30	100.0	118	4	US-09-440-781-96	Sequence 96, Appli
44	30	100.0	118	4	US-09-711-485-124	Sequence 124, App
45	30	100.0	118	4	US-09-711-485-126	Sequence 126, App

ALIGNMENTS

RESULT 1
US-08-783-853A-8
Sequence 8, Application US/08783853A
Patent No. 6005091
GENERAL INFORMATION:
APPLICANT: Blackburn, Michael
APPLICANT: Church, William
APPLICANT: Gross, Mitchell
APPLICANT: Feuersstein, Gloria
APPLICANT: Nichols, Andrew
APPLICANT: Padlan, Eduardo
APPLICANT: Patel, Arunbhai
APPLICANT: Sylvester, Daniel
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/783,853A
FILING DATE: 16-JAN-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/029,119
FILING DATE: 24-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
REFERENCE/DOCKET NUMBER: P50438
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX:
TELEX:
INFORMATION FOR SEQ. ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide

HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-08-783-853A-8

Query Match 100.0%; Score 30; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
11111
DB 1 NYGMN 5

RESULT 2

US-09-344-050-8
Sequence 8, Application US/09344050
Patent No. 6391299

GENERAL INFORMATION:

APPLICANT: Blackburn, Michael
APPLICANT: Church, William
APPLICANT: Gross, Mitchell
APPLICANT: Feuerstein, Giora
APPLICANT: Nichols, Andrew
APPLICANT: Padlan, Eduardo
APPLICANT: Patel, Arunbhai
APPLICANT: Sylvester, Daniel
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
TITLE OF INVENTION: OF THROMBOSIS
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
SEQUENCE APPLICATION DATA:
SEQUENCE NUMBER: US/09/344,050
FILING DATE: 24-JUN-1999

SEQUENCE DATA:

SEQUENCE NUMBER: 08/783,853
INSTR. 16-JAN-1997

SEQUENCE INFORMATION:

LENGTH: 33,833
TYPE: AMBER, P50438
STRANDEDNESS: 36
MOLECULE: 36
HYPOTHETICAL TYPE: linear
ANTI-SENSE: NO
FRAGMENT TYPE: Peptide
ORIGINAL TYPE: NO
ORIGINAL SOURCE: internal

Query Match 100.0%; Score 30; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 NYGMN 5
11111
DB 1 NYGMN 5

RESULT 3

US-09-134-001C-3503
Sequence 3503, Application US/09134001C
Patent No. 6380370

GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: CTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 3503
LENGTH: 74
TYPE: PRT
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3503

Query Match 100.0%; Score 30; DB 3; Length 74;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
11111
DB 4 NYGMN 8

RESULT 4

US-08-783-853A-84
Sequence 84, Application US/08783853A
Patent No. 6005091

GENERAL INFORMATION:

APPLICANT: Blackburn, Michael
APPLICANT: Church, William
APPLICANT: Gross, Mitchell
APPLICANT: Feuerstein, Giora
APPLICANT: Nichols, Andrew
APPLICANT: Padlan, Eduardo
APPLICANT: Patel, Arunbhai
APPLICANT: Sylvester, Daniel
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
TITLE OF INVENTION: OF THROMBOSIS
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
SEQUENCE APPLICATION DATA:
SEQUENCE NUMBER: US/08/783,853A
FILING DATE: 16-JAN-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 60/029,119
FILING DATE: 24-OCT-1996

ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
REFERENCE/DOCKET NUMBER: P50438
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX:
TELEX:
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-08-783-853A-84

Query Match 100.0%; Score 30; DB 3; Length 92;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NYGMN 5
Db 8 NYGMN 12

RESULT 5
US-09-344-050-84
Sequence 84, Application US/09344050
Patent No. 6391299
GENERAL INFORMATION:
APPLICANT: Blackburn, Michael
APPLICANT: Church, William
APPLICANT: Gross, Mitchell
APPLICANT: Feuerstein, Giora
APPLICANT: Nichols, Andrew
APPLICANT: Padian, Eduardo
APPLICANT: Patel, Arunbhai
APPLICANT: Sylvester, Daniel
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
TITLE OF INVENTION: OF THROMBOSIS
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/344,050
FILING DATE: 24-JUN-1999
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/783,853
FILING DATE: 16-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
REFERENCE/DOCKET NUMBER: P50438
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX:
TELEX:

INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-09-344-050-84

Query Match 100.0%; Score 30; DB 3; Length 92;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NYGMN 5
Db 8 NYGMN 12

RESULT 6
US-08-783-853A-20
Sequence 20, Application US/08783853A
Patent No. 6005091
GENERAL INFORMATION:
APPLICANT: Blackburn, Michael
APPLICANT: Church, William
APPLICANT: Gross, Mitchell
APPLICANT: Feuerstein, Giora
APPLICANT: Nichols, Andrew
APPLICANT: Padian, Eduardo
APPLICANT: Patel, Arunbhai
APPLICANT: Sylvester, Daniel
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
TITLE OF INVENTION: OF THROMBOSIS
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/783,853A
FILING DATE: 16-JAN-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/029,119
FILING DATE: 24-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
REFERENCE/DOCKET NUMBER: P50438
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX:
TELEX:
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 112 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO

ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-08-783-853A-20

Query Match 100.0%; Score 30; DB 3; Length 112;
Best Local Similarity 100.0%; Pred. No. 36;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 28 NYGMN 32

RESULT 7

US-09-344-050-20
Sequence 20, Application US/09344050
Patent No. 6391299

GENERAL INFORMATION:

APPLICANT: Blackburn, Michael

APPLICANT: Church, William

APPLICANT: Feuerstein, Gloria

APPLICANT: Nichols, Andrew

APPLICANT: Padlan, Eduardo

APPLICANT: Patel, Arunbhai

APPLICANT: Sylvester, Daniel

TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT

TITLE OF INVENTION: OF THROMBOSIS

NUMBER OF SEQUENCES: 111

CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation

STREET: 709 Swedeland Road

CITY: King of Prussia

STATE: PA

COUNTRY: USA

ZIP: 19406

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/344,050

FILING DATE: 24-JUN-1999

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/783,853

FILING DATE: 16-JAN-1997

ATTORNEY/AGENT INFORMATION:

NAME: Baumeister, Kirk

REGISTRATION NUMBER: 33,833

REFERENCE/DOCKET NUMBER: P50438

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-270-5096

TELEFAX:

TELEX:
INFORMATION FOR SEQ. ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 112 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:
US-09-344-050-20

Query Match 100.0%; Score 30; DB 3; Length 112;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 28 NYGMN 32

RESULT 8

US-08-483-749A-24
Sequence 24, Application US/08483749A
Patent No. 6054561

GENERAL INFORMATION:

APPLICANT: RING, DAVID B.

TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY

TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: CHIRON CORPORATION

STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097

CITY: EMERYVILLE

STATE: CA

COUNTRY: USA

ZIP: 94662-8097

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,749A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: SAVERIDE, PAUL B.

REGISTRATION NUMBER: 36,914

REFERENCE/DOCKET NUMBER: 0508.008

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 601-2585

TELEFAX: (510) 655-3542

INFORMATION FOR SEQ. ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 115 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-483-749A-24

Query Match 100.0%; Score 30; DB 3; Length 115;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 31 NYGMN 35

RESULT 9

US-08-249-013-6
Sequence 6, Application US/08249013
Patent No. 5643754

GENERAL INFORMATION:

APPLICANT: Haake, David A.

TITLE OF INVENTION: CLONED leptospira OUTER MEMBRANE PROTEIN

TITLE OF INVENTION: 10

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Juba & Lubitz

STREET: 1880 Century Park East, Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/249,013
; FILING DATE: 25-MAY-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.,
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3602
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: lta
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..117
;
US-08-249-013-6

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 Db 22 NYGMN 26

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RESULT 10
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; Sequence 6, Application US/0886863.
; Patent No. 5824321
; GENERAL INFORMATION:
; APPLICANT: Haake, David A.
; TITLE OF INVENTION: CLONED Leptospira OUTER MEMBRANE PROTEIN
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
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; FILING DATE: 01-JUL-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/249,013
; FILING DATE: 25-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.,
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3602
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids

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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: lta
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; LOCATION: 1..117
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US-08-886-863-6

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QY 1 NYGMN 5
 Db 22 NYGMN 26

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; Patent No. 6309641
; GENERAL INFORMATION:
; APPLICANT: Haake, David A.
; TITLE OF INVENTION: CLONED Leptospira OUTER MEMBRANE PROTEIN
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/175,229
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/249,013
; FILING DATE: 25-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.,
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3602
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: lta
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..117
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US-09-175-229-6

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Best Local Similarity 100.0%; Pred. No. 38;
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QY 1 NYGMN 5

Db 22 NYGMN 26

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; Sequence 6, Application PC/RUS9506764
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: CLONED leptospira OUTER MEMBRANE PROTEIN
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06764
; FILING DATE: 25-MAY-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.,
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: FD3602
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
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; NAME/KEY: Protein
; LOCATION: 1..117
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Best Local Similarity 100.0%; Pred. No. 38;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 22 NYGMN 26

RESULT 13
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; Patent No. 5621083
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
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; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/425,336
; FILING DATE: 18-APR-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/064,691
; FILING DATE: 12-MAY-1993
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Thomas C.
; REGISTRATION NUMBER: P-36,989
; REFERENCE/DOCKET NUMBER: 31394
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 118 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-425-336-124

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Best Local Similarity 100.0%; Pred. No. 38;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 31 NYGMN 35

RESULT 14
US-08-425-336-126
; Sequence 126, Application US/08425336
; Patent No. 5621083
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; FILING DATE: 18-APR-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Thomas C.
REGISTRATION NUMBER: P-36,989
REFERENCE/DOCKET NUMBER: 31394
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 118 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-425-336-126

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Best Local Similarity 100.0%; Pred. No. 38;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 31 NYGMN 35

RESULT 15
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Sequence 124, Application US/08488113B
Patent No. 5744580
GENERAL INFORMATION:
APPLICANT: Belter, Marc D.
APPLICANT: Cartoll, Stephen F.
APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF INVENTION: Proteins
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,113B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/425,336
FILING DATE: 18-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 118 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-488-1138-124

Query Match 100.0%; Score 30; DB 1; Length 118;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 31 NYGMN 35

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Job time : 15 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model1

Run on: August 22, 2005, 15:00:04 ; Search time 34.0625 Seconds
(without alignments)
57.481 Million cell updates/sec

Title: US-09-887-853-6_COPY_31_35

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Sequence: 1 NMGNN 5

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Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	30	100.0	5	10	US-09-791-551-74
3	30	100.0	5	13	US-10-051-852-8
4	30	100.0	5	14	US-10-071-962-15
5	30	100.0	5	15	US-10-430-176-8
6	30	100.0	5	15	US-10-377-121-26
7	30	100.0	5	18	US-10-681-421-8
8	30	100.0	10	9	US-09-056-160B-1
9	30	100.0	10	14	US-10-234-671-1
10	30	100.0	10	16	US-10-018-245A-1
11	30	100.0	10	16	US-10-723-434-111

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23 <td>30</td> <td>100.0</td> <td>70</td> <td>17</td> <td>US-10-901-650-17</td> <td>Sequence 17, Appl</td>	30	100.0	70	17	US-10-901-650-17	Sequence 17, Appl
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25 <td>30</td> <td>100.0</td> <td>70</td> <td>17</td> <td>US-10-901-650-19</td> <td>Sequence 19, Appl</td>	30	100.0	70	17	US-10-901-650-19	Sequence 19, Appl
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41 <td>30</td> <td>100.0</td> <td>116</td> <td>9</td> <td>US-09-971-543-9</td> <td>Sequence 9, Appl1</td>	30	100.0	116	9	US-09-971-543-9	Sequence 9, Appl1
42 <td>30</td> <td>100.0</td> <td>116</td> <td>9</td> <td>US-09-971-543-10</td> <td>Sequence 10, Appl1</td>	30	100.0	116	9	US-09-971-543-10	Sequence 10, Appl1
43 <td>30</td> <td>100.0</td> <td>116</td> <td>14</td> <td>US-10-138-727A-2</td> <td>Sequence 2, Appl1</td>	30	100.0	116	14	US-10-138-727A-2	Sequence 2, Appl1
44 <td>30</td> <td>100.0</td> <td>116</td> <td>14</td> <td>US-10-138-727A-4</td> <td>Sequence 4, Appl1</td>	30	100.0	116	14	US-10-138-727A-4	Sequence 4, Appl1
45 <td>30</td> <td>100.0</td> <td>116</td> <td>14</td> <td>US-10-138-727A-6</td> <td>Sequence 6, Appl1</td>	30	100.0	116	14	US-10-138-727A-6	Sequence 6, Appl1

ALIGNMENTS

RESULT 1
US-09-965-099-8
Sequence 8, Application US/09965099
Patent No. US20020136725A1
GENERAL INFORMATION:
APPLICANT: Blackburn, Michael
Feuerstein, Gloria
Patel, Arunbhai
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN
TREATMENT OF THROMBOSIS
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/965,099
FILING DATE: 26-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/346,487
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
REFERENCE/DOCKET NUMBER: P50438-1

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/
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 610-270-5096
/ TELEFAX: <Unknown>
/
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 5 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: peptide
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE: Internal
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-965-099-8

Query Match          100.0%; Score 30; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NYGMN 5
Db      1 NYGMN 5

RESULT 2
US-09-791-551-74
/ Sequence 74, Application US/09791551
/ Publication No. US20030235584A1
/ GENERAL INFORMATION:
/ APPLICANT: HANNA, NABIT.
/ TITLE OF INVENTION: METHOD FOR PREPARING ANTI-MIF ANTIBODIES
/ FILE REFERENCE: 037003/0277869
/ CURRENT FILING DATE: 2001-02-26
/ PRIOR APPLICATION NUMBER: 60/185,390
/ PRIOR FILING DATE: 2000-02-28
/ PRIOR APPLICATION NUMBER: 60/233,625
/ PRIOR FILING DATE: 2000-09-18
/ NUMBER OF SEQ ID NOS: 119
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 74
/ LENGTH: 5
/ TYPE: PRT
/ ORGANISM: Mus sp.
US-09-791-551-74

Query Match          100.0%; Score 30; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NYGMN 5
Db      1 NYGMN 5

RESULT 3
US-10-051-852-8
/ Sequence 8, Application US/10051852
/ Publication No. US20020146411A1
/ GENERAL INFORMATION:
/ APPLICANT: Blackburn, Michael
/ Church, William
/ Gross, Mitchell
/ Feuerstein, Gioira
/ Nichols, Andrew
/ Padian, Eduardo
/ Patel, Arunbhai
/ Sylvester, Daniel
/ TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
```

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/
/ OF THROMBOSIS
/ NUMBER OF SEQUENCES: 111
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SmithKline Beecham Corporation
/ STREET: 709 Swedeland Road
/ CITY: King of Prussia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19406
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/051,852
/ FILING DATE: 17-Jan-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/344,050
/ FILING DATE: 25-JUN-1999
/ APPLICATION NUMBER: 08/783,853
/ FILING DATE: 16-JAN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Baumeister, Kirk
/ REGISTRATION NUMBER: 33,893
/ REFERENCE/DOCKET NUMBER: P50438
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 610-270-5096
/ TELEFAX: <Unknown>
/
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 5 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: peptide
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE: Internal
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-051-852-8

Query Match          100.0%; Score 30; DB 13; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NYGMN 5
Db      1 NYGMN 5

RESULT 4
US-10-071-962-15
/ Sequence 15, Application US/10071962
/ Publication No. US20030170237A1
/ GENERAL INFORMATION:
/ APPLICANT: Baifu N1
/ APPLICANT: Bill N.C. Sun
/ APPLICANT: Cedily R.Y. Sun
/ TITLE OF INVENTION: G-CSF Receptor Agonist Antibodies and
/ Screening Method Therefor
/ FILE REFERENCE: 98-3
/ CURRENT APPLICATION NUMBER: US/10/071,962
/ CURRENT FILING DATE: 2002-02-08
/ PRIOR APPLICATION NUMBER: US/09/303,155A
/ PRIOR FILING DATE: 1999-04-30
/ PRIOR APPLICATION NUMBER: 60/083,575
/ PRIOR FILING DATE: 1998-04-30
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: FastSeq for Windows Version 4.0
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SEQ ID NO 15
LENGTH: 5
TYPE: PRT
ORGANISM: mouse
US-10-071-962-15

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 1 NYGMN 5

RESULT 5

US-10-430-176-8
Sequence 8, Application US/10430176
Publication No. US20030235587A1
GENERAL INFORMATION:
APPLICANT: Feuerstein, Giora Z.
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN TREATMENT
FILE REFERENCE: P50816-1
CURRENT APPLICATION NUMBER: US/10/430,176
CURRENT FILING DATE: 2003-05-05
PRIOR APPLICATION NUMBER: 09/817,960
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: 09/359,202
PRIOR FILING DATE: 1999-07-22
PRIOR APPLICATION NUMBER: 60/095,714
PRIOR FILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: 10/051,852
PRIOR FILING DATE: 2002-01-17
PRIOR APPLICATION NUMBER: 09/344,050
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 08/783,853
PRIOR FILING DATE: 1997-01-06
PRIOR APPLICATION NUMBER: 60/010,018
PRIOR FILING DATE: 199-01-17
PRIOR APPLICATION NUMBER: 60/029,119
PRIOR FILING DATE: 1996-10-24
NUMBER OF SEQ ID NOS: 111
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 5
TYPE: PRT
ORGANISM: Home sapiens
US-10-430-176-8

Query Match 100.0%; Score 30; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 1 NYGMN 5

RESULT 6

US-10-377-121-26
Sequence 26, Application US/10377121
Publication No. US20040001825A1
GENERAL INFORMATION:
APPLICANT: GOVINDAM, SERENGULAM
APPLICANT: OU, ZHENGGING
APPLICANT: HANSEN, HANS
APPLICANT: GOLDENBERG, DAVID
TITLE OF INVENTION: RS7 ANTIBODIES
FILE REFERENCE: 018733/1163
CURRENT APPLICATION NUMBER: US/10/377,121
CURRENT FILING DATE: 2003-03-03
PRIOR APPLICATION NUMBER: 60/360,299

PRIOR FILING DATE: 2002-03-01
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 5
TYPE: PRT
ORGANISM: Mus sp.
US-10-377-121-26

Query Match 100.0%; Score 30; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 1 NYGMN 5

RESULT 7

US-10-681-421-8
Sequence 8, Application US/10681421
Publication No. US20040146511A1
GENERAL INFORMATION:
APPLICANT: Blackburn, Michael
Feuerstein, Giora
Patel, Arunbhai
TITLE OF INVENTION: ANTICOAGULANT AGENTS USEFUL IN
TREATMENT OF THROMBOSIS
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESSES:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/681,421
FILING DATE: 07-Oct-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/965,099
FILING DATE: 26-Sep-2001
APPLICATION NUMBER: 09/346,487
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Baunelster, Kirk
REGISTRATION NUMBER: 33,833
REFERENCE/DOCKET NUMBER: P50438-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX: <Unknown>
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-681-421-8
Query Match 100.0%; Score 30; DB 18; Length 5;

Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 1 NYGMN 5

RESULT 8

US-09-056-160B-1
Sequence 1, Application US/09056160B
Patent No. US20020032315A1
GENERAL INFORMATION:
APPLICANT: Baca, Manuel
APPLICANT: Wells, James A.
APPLICANT: Presta, Leonard G.
APPLICANT: Lowman, Henry B.
TITLE OF INVENTION: ANTI-VEGF ANTIBODIES
NUMBER OF SEQUENCES: 131
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/056.160B
FILING DATE: 06-Apr-1998
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/054,856
FILING DATE: 06-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: P1093R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1896
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-09-056-160B-1

Query Match 100.0%; Score 30; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 6 NYGMN 10

RESULT 9

US-10-234-671-1
Sequence 1, Application US/10234671
Publication No. US20030190317A1
GENERAL INFORMATION:
APPLICANT: Baca, Manuel
APPLICANT: Wells, James A.
APPLICANT: Presta, Leonard G.
APPLICANT: Lowman, Henry B.
APPLICANT: Chen, Yvonne M.
TITLE OF INVENTION: ANTI-VEGF ANTIBODIES

NUMBER OF SEQUENCES: 131
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/234,671
FILING DATE: 03-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/056160
FILING DATE: 06-APR-1998
APPLICATION NUMBER: 60/126446
FILING DATE: 07-APR-1997
APPLICATION NUMBER: 60/054856
FILING DATE: 06-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Cui, Steven X.
REGISTRATION NUMBER: 44,637
REFERENCE/DOCKET NUMBER: P1093R2C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-8674
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-234-671-1

Query Match 100.0%; Score 30; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
Db 6 NYGMN 10

RESULT 10

US-10-018-245A-1
Sequence 1, Application US/10018245A
Publication No. US20040115196A1
GENERAL INFORMATION:
APPLICANT: FUKUDA, Yoshiaki
APPLICANT: NAKAHARA, Kazuhiro
APPLICANT: NAKAHARA, Toshihiro
TITLE OF INVENTION: Novel recombinant antibody, amino acid sequences of its compleme
TITLE OF INVENTION: determining regions and genes encoding the same
FILE REFERENCE: 46224
CURRENT APPLICATION NUMBER: US/10/018,245A
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: JP 117394/2000
PRIOR FILING DATE: 2000-04-19
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 10
TYPE: PRT
ORGANISM: mouse
FEATURE:
OTHER INFORMATION: CDR-H1 of anti-human TNF-alpha antibody
US-10-018-245A-1

Query Match 100.0%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
DB 6 NYGMN 10

RESULT 11

US-10-723-434-111
Sequence 111, Application US/10723434
Publication No. US2004013357A1
GENERAL INFORMATION:
APPLICANT: Zhong, Pingyu
APPLICANT: Luo, Peizhi
APPLICANT: Wang, Kevin C.
APPLICANT: Hsieh, Mark
APPLICANT: Li, Yan
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR
FILE REFERENCE: 26050-709.501
CURRENT APPLICATION NUMBER: US/10/723,434
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 60/284,407
PRIOR FILING DATE: 2001-04-17
PRIOR APPLICATION NUMBER: US 10/125,687
PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: US 10/153,176
PRIOR FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US 10/443,134
NUMBER OF SEQ ID NOS: 156
SOFTWARE: PatentIn version 3.1
SEQ ID NO 111
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: VH/CDR1
US-10-723-434-111

Query Match 100.0%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
DB 6 NYGMN 10

RESULT 12

US-10-723-434-112
Sequence 112, Application US/10723434
Publication No. US2004013357A1
GENERAL INFORMATION:
APPLICANT: Zhong, Pingyu
APPLICANT: Luo, Peizhi
APPLICANT: Wang, Kevin C.
APPLICANT: Hsieh, Mark
APPLICANT: Li, Yan
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR
FILE REFERENCE: 26050-709.501
CURRENT APPLICATION NUMBER: US/10/723,434
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 60/284,407
PRIOR FILING DATE: 2001-04-17
PRIOR APPLICATION NUMBER: US 10/125,687
PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: US 10/153,176
PRIOR FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US 10/443,134
NUMBER OF SEQ ID NOS: 156

SOFTWARE: PatentIn version 3.1
SEQ ID NO 112
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: VH/CDR1
US-10-723-434-112

Query Match 100.0%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
DB 6 NYGMN 10

RESULT 13

US-10-723-434-116
Sequence 116, Application US/10723434
Publication No. US2004013357A1
GENERAL INFORMATION:
APPLICANT: Zhong, Pingyu
APPLICANT: Luo, Peizhi
APPLICANT: Wang, Kevin C.
APPLICANT: Hsieh, Mark
APPLICANT: Li, Yan
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR
FILE REFERENCE: 26050-709.501
CURRENT APPLICATION NUMBER: US/10/723,434
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 60/284,407
PRIOR FILING DATE: 2001-04-17
PRIOR APPLICATION NUMBER: US 10/125,687
PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: US 10/153,176
PRIOR FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US 10/443,134
NUMBER OF SEQ ID NOS: 156
SOFTWARE: PatentIn version 3.1
SEQ ID NO 116
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: VH/CDR1
US-10-723-434-116

Query Match 100.0%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NYGMN 5
DB 6 NYGMN 10

RESULT 14

US-10-723-434-122
Sequence 122, Application US/10723434
Publication No. US2004013357A1
GENERAL INFORMATION:
APPLICANT: Zhong, Pingyu
APPLICANT: Luo, Peizhi
APPLICANT: Wang, Kevin C.
APPLICANT: Hsieh, Mark
APPLICANT: Li, Yan
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR
FILE REFERENCE: 26050-709.501
CURRENT APPLICATION NUMBER: US/10/723,434
CURRENT FILING DATE: 2003-11-26

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; PRIOR APPLICATION NUMBER: US 60/284,407
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: US 10/125,687
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/153,176
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US 10/443,134
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 122
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VH/CDR1
US-10-723-434-122

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Query Match          100.0%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 NYGMN 5
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Db      6 NYGMN 10

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RESULT 15
US-10-687-035-60
; Sequence 60; Application US/10687035
; Publication No. US20050064518A1
; GENERAL INFORMATION:
; APPLICANT: Albone, Earl F.
; TITLE OF INVENTION: ANTIBODIES THAT BIND CELL-ASSOCIATED
; FILE REFERENCE: CA 125/0772P AND METHODS OF USE THEREOF
; CURRENT APPLICATION NUMBER: US/10/687,035
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 60/485,986
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 60/418,828
; PRIOR FILING DATE: 2003-10-12
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 725.1 VH1 CDR
US-10-687-035-60

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Query Match          100.0%; Score 30; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 NYGMN 5
        |||||
Db      6 NYGMN 10

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Search completed: August 22, 2005, 15:38:25
 Job time : 35.0625 secs

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OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 18 Seconds
(without alignments)
37.325 Million cell updates/sec

Title: US-09-887-853-6_COPY_222_230
Perfect score: 49
Sequence: 1 LQYAIFFYT 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep: *
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6: /cgn2_6/ptodata/1/1aa/6D.COMB.pep: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	49	100.0	243	1	US-08-133-804-6
3	49	100.0	243	1	US-08-461-838-6
4	49	100.0	243	2	US-08-461-386-6
5	49	100.0	243	2	US-08-356-786-4
6	49	100.0	534	2	US-08-356-786-10
7	36	73.5	92	2	US-08-273-146-47
8	36	73.5	107	4	US-09-648-067A-10
9	36	73.5	107	4	US-09-648-067A-12
10	36	73.5	215	2	US-08-737-129A-8
11	36	73.5	355	3	US-08-875-811-41
12	36	73.5	355	3	US-08-875-811-49
13	36	73.5	355	3	US-08-875-811-64
14	36	73.5	358	3	US-08-875-811-45
15	36	73.5	358	3	US-08-875-811-51
16	36	73.5	360	3	US-08-875-811-47
17	36	73.5	379	3	US-08-875-811-43
18	35	71.4	92	2	US-08-273-146-53
19	35	71.4	92	2	US-08-273-146-53
20	35	71.4	107	3	US-08-483-749A-12
21	35	71.4	145	3	US-09-096-244-2
22	35	71.4	490	4	US-09-270-767-42437
23	34	69.4	107	1	US-07-634-278-50
24	34	69.4	107	1	US-07-634-278-51
25	34	69.4	107	1	US-08-477-728-50
26	34	69.4	107	1	US-08-477-728-51
27	34	69.4	107	1	US-08-474-040-50

28	34	69.4	107	1	US-08-474-040-51	Sequence 51, Appl
29	34	69.4	107	1	US-08-487-200-50	Sequence 50, Appl
30	34	69.4	107	1	US-08-487-200-51	Sequence 51, Appl
31	34	69.4	107	3	US-08-484-537-50	Sequence 50, Appl
32	34	69.4	107	3	US-08-484-537-51	Sequence 51, Appl
33	34	69.4	165	4	US-09-248-796A-22117	Sequence 22117, A
34	34	69.4	313	4	US-09-270-767-42252	Sequence 42252, A
35	34	69.4	322	4	US-09-328-352-5739	Sequence 5739, Ap
36	33	67.3	106	1	US-08-202-047-26	Sequence 26, Appl
37	33	67.3	106	3	US-08-964-690-26	Sequence 26, Appl
38	33	67.3	156	4	US-09-902-540-14530	Sequence 14530, A
39	33	67.3	345	4	US-09-134-000C-5010	Sequence 5010, App
40	33	67.3	388	4	US-09-560-7618-20	Sequence 20, Appl
41	32	65.3	95	2	US-08-713-939A-72	Sequence 72, Appl
42	32	65.3	95	3	US-09-036-579-72	Sequence 72, Appl
43	32	65.3	95	3	US-09-550-374-72	Sequence 72, Appl
44	32	65.3	95	4	US-09-943-906-72	Sequence 72, Appl
45	32	65.3	107	2	US-08-290-592E-20	Sequence 20, Appl

ALIGNMENTS

RESULT 1
US-08-483-749A-26
Sequence 26, Application US/08483749A
Patent No. 6054561
GENERAL INFORMATION:
APPLICANT: RING, DAVID B.
TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY
TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CHIRON CORPORATION
STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097
CITY: EMERYVILLE
STATE: CA
COUNTRY: USA
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,749A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: SAVERIDE, PAUL B.
REGISTRATION NUMBER: 36,914
REFERENCE/DOCKET NUMBER: 0508.008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2585
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-483-749A-26
Query Match 100.0%; Score 49; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LQYAIFFYT 9
|||
Db 89 LQYAIFFYT 97

RESULT 2

US-08-133-804-6
; Sequence 6, Application US/08133804
; Patent No. 5534254
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,804
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-133-804-6

Query Match 100.0%; Score 49; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LQYAFPYT 9
DB 222 LQYAFPYT 230

RESULT 3
US-08-461-838-6
; Sequence 6, Application US/08461838
; Patent No. 5753204
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,838
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-838-6

Query Match 100.0%; Score 49; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LQYAFPYT 9
DB 222 LQYAFPYT 230

RESULT 4
US-08-461-386-6
; Sequence 6, Application US/08461386
; Patent No. 5837846
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,386
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-386-6

Query Match 100.0%; Score 49; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LOYAIFFPYT 9
|||
Db 222 LOYAIFFPYT 230

RESULT 5
US-08-356-786-4

; Sequence 4, Application US/08356786
; Patent No. 5877305

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.

; APPLICANT: Oppermann, Hermann

; APPLICANT: Houston, L. L.

; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer

; TITLE OF INVENTION: Marker

; NUMBER OF SEQUENCES: 16

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibault

; STREET: Exchange Place, 53 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/356,786

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/831,967

; FILING DATE: 06-FEB-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Pitcher, Edmund R.

; REGISTRATION NUMBER: 27,829

; REFERENCE/DOCKET NUMBER: CRP-053

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 248-7000

; TELEFAX: (617) 248-7100

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 243 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-356-786-4

Query Match 100.0%; Score 49; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LOYAIFFPYT 9
|||
Db 222 LOYAIFFPYT 230

RESULT 6
US-08-356-786-10

; Sequence 10, Application US/08356786
; Patent No. 5877305

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.

; APPLICANT: Oppermann, Hermann

; APPLICANT: Houston, L. L.

; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibault

; STREET: Exchange Place, 53 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/356,786

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/831,967

; FILING DATE: 06-FEB-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Pitcher, Edmund R.

; REGISTRATION NUMBER: 27,829

; REFERENCE/DOCKET NUMBER: CRP-053

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 248-7000

; TELEFAX: (617) 248-7100

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 534 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-356-786-10

Query Match 100.0%; Score 49; DB 2; Length 534;
Best Local Similarity 100.0%; Pred. No. 0.71;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LOYAIFFPYT 9
|||
Db 513 LOYAIFFPYT 521

RESULT 7
US-08-273-146-47

; Sequence 47, Application US/08273146
; Patent No. 5855885

; GENERAL INFORMATION:

; APPLICANT: Smith, Rodger

; APPLICANT: McCafferty, John

; APPLICANT: Chiswell, David

; APPLICANT: Darsley, Michael J.

; APPLICANT: Fitzgerald, Kevin

; APPLICANT: Kenten, John H.

; APPLICANT: Martin, Mark T.

; APPLICANT: Titmas, Richard C.

; APPLICANT: Williams, Richard O.

; TITLE OF INVENTION: The Isolation and Production of

; NUMBER OF SEQUENCES: 71

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: IGEN, Inc.

; STREET: 1530 East Jefferson St.

; CITY: Rockville

; STATE: MD

; COUNTRY: USA

; ZIP: 20852

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-984-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-273-146-47

Query Match 73.5%; Score 36; DB 2; Length 92;
Best Local Similarity 77.8%; Pred. No. 25;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9
|||
81 LOYDEFFPT 89

RESULT 8
US-09-648-067A-10
Sequence 10, Application US/09648067A
Patent No. 6627196
GENERAL INFORMATION:
APPLICANT: Baugman, Sharon A.
APPLICANT: Shak Steven
TITLE OF INVENTION: Dosages for Treatment with Anti-Brb2 Antibodies
FILE REFERENCE: P1775R1
CURRENT APPLICATION NUMBER: US/09/648,067A
CURRENT FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 60/151,018
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: US 60/213,822
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 10
LENGTH: 107
TYPE: PRT
ORGANISM: Mus Musculus
US-09-648-067A-10

Query Match 73.5%; Score 36; DB 4; Length 107;
Best Local Similarity 75.0%; Pred. No. 28;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIFFPT 9
|||
90 QYIYFFPT 97

RESULT 9
US-09-648-067A-12
Sequence 12, Application US/09648067A
Patent No. 6627196
GENERAL INFORMATION:
APPLICANT: Baugman, Sharon A.
APPLICANT: Shak Steven
TITLE OF INVENTION: Dosages for Treatment with Anti-Brb2 Antibodies
FILE REFERENCE: P1775R1
CURRENT APPLICATION NUMBER: US/09/648,067A
CURRENT FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 60/151,018

PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: US 60/213,822
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 12
LENGTH: 107
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: humanized VL sequence
US-09-648-067A-12

Query Match 73.5%; Score 36; DB 4; Length 107;
Best Local Similarity 75.0%; Pred. No. 28;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 QYAIFFPT 9
|||
90 QYIYFFPT 97

RESULT 10
US-08-737-129A-8
Sequence 8, Application US/08737129A
Patent No. 5885816
GENERAL INFORMATION:
APPLICANT: Ikuo FUJII et al.
TITLE OF INVENTION: CATALYTIC ANTIBODIES ENANTIOSELECTIVELY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: Wenderoth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/737,129A
FILING DATE: No. 5885816ember 15, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
TELEFAX:
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 215 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-737-129A-8

Query Match 73.5%; Score 36; DB 2; Length 215;
Best Local Similarity 77.8%; Pred. No. 54;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9
|||
89 LOYDEFFPT 97

RESULT 11
US-08-875-811-41
Sequence 41, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fatis, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-41

Query Match 73.5%; Score 36; DB 3; Length 355;
Best Local Similarity 77.8%; Pred. No. 87;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 LOYAIFFPT 9
Db 89 LOYDEFFPT 97

RESULT 12
US-08-875-811-49
Sequence 49, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fatis, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-49

Query Match 73.5%; Score 36; DB 3; Length 355;
Best Local Similarity 77.8%; Pred. No. 87;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 LOYAIFFPT 9
Db 89 LOYDEFFPT 97

RESULT 13
US-08-875-811-64
Sequence 64, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..355
OTHER INFORMATION: /note= "ESFP[Met-(-1)]Ser10nc"
US-08-875-811-64

Query Match 73.5%; Score 36; DB 3; Length 355;
Best Local Similarity 77.8%; Pred. No. 87;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9
Db 89 LQYDFEPPY 97

RESULT 14
US-08-875-811-45
Sequence 45, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:
LENGTH: 358 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-45

Query Match 73.5%; Score 36; DB 3; Length 358;
Best Local Similarity 77.8%; Pred. No. 87;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9
Db 207 LQYDFEPPY 215

RESULT 15
US-08-875-811-51
Sequence 51, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 358 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-51

Query Match 73.5%; Score 36; DB 3; Length 358;
Best Local Similarity 77.8%; Pred. No. 87;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 LOYAIFFPT 9
Db 207 LQYDFEPPY 215

Search completed: August 22, 2005, 15:02:27
Job time : 19 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 61.3125 Seconds
(without alignments)
57.481 Million cell updates/sec

Title: US-09-887-853-6_COPY_222_230

Perfect score: 49
Sequence: 1 LQYAFPPYT 9

Scoring table:

Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

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- 2: /cgn2_6/prodata/1/pubppaa/PCT_NEW_PUB.pep:*
- 3: /cgn2_6/prodata/1/pubppaa/US06_NEW_PUB.pep:*
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- 19: /cgn2_6/prodata/1/pubppaa/US11_PUBCOMB.pep:*
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- 22: /cgn2_6/prodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	49	100.0	243	17	US-10-683-547-6
3	49	100.0	267	9	US-09-766-543-10
4	49	100.0	276	9	US-09-766-543-12
5	43	87.8	108	14	US-10-010-729-45
6	39	79.6	217	16	US-10-437-963-119518
7	36	73.5	9	10	US-09-920-262A-6
8	36	73.5	9	14	US-10-268-501-12
9	36	73.5	9	15	US-10-608-626-12
10	36	73.5	9	16	US-10-719-310-12
11	36	73.5	9	17	US-10-912-994-6

12	36	73.5	9	17	US-10-975-883-6	Sequence 6, Appl1
13	36	73.5	88	16	US-10-437-963-137213	Sequence 1, Appl1
14	36	73.5	107	14	US-10-268-501-1	Sequence 3, Appl1
15	36	73.5	107	15	US-10-608-626-1	Sequence 1, Appl1
16	36	73.5	107	15	US-10-608-626-3	Sequence 3, Appl1
17	36	73.5	107	15	US-10-608-626-3	Sequence 10, Appl1
18	36	73.5	107	15	US-10-600-152-10	Sequence 12, Appl1
19	36	73.5	107	15	US-10-600-152-12	Sequence 1, Appl1
20	36	73.5	107	16	US-10-619-754-1	Sequence 3, Appl1
21	36	73.5	107	16	US-10-619-754-3	Sequence 3, Appl1
22	36	73.5	107	16	US-10-774-076-3	Sequence 14, Appl1
23	36	73.5	107	16	US-10-774-076-14	Sequence 3, Appl1
24	36	73.5	107	16	US-10-719-310-1	Sequence 3, Appl1
25	36	73.5	107	16	US-10-719-310-3	Sequence 3, Appl1
26	36	73.5	107	17	US-10-877-532-3	Sequence 7, Appl1
27	36	73.5	107	17	US-10-503-504-7	Sequence 2, Appl1
28	36	73.5	107	17	US-10-484-280-2	Sequence 12, Appl1
29	36	73.5	107	17	US-10-484-280-12	Sequence 27, Appl1
30	36	73.5	108	10	US-09-920-262A-8	Sequence 8, Appl1
31	36	73.5	108	17	US-10-912-994-8	Sequence 8, Appl1
32	36	73.5	108	17	US-10-912-994-8	Sequence 8, Appl1
33	36	73.5	108	17	US-10-975-883-8	Sequence 4, Appl1
34	36	73.5	109	9	US-09-811-123-4	Sequence 5, Appl1
35	36	73.5	109	9	US-09-811-123-5	Sequence 209, Appl1
36	36	73.5	110	18	US-10-996-316-209	Sequence 11, Appl1
37	36	73.5	127	16	US-10-774-076-11	Sequence 19, Appl1
38	36	73.5	127	16	US-10-774-076-19	Sequence 8, Appl1
39	36	73.5	214	17	US-10-503-504-8	Sequence 14, Appl1
40	36	73.5	214	17	US-10-484-280-14	Sequence 183264, Appl1
41	36	73.5	622	16	US-10-437-963-183264	Sequence 5, Appl1
42	35	71.4	9	9	US-09-924-099-5	Sequence 10, Appl1
43	35	71.4	9	14	US-10-367-506-10	Sequence 10, Appl1
44	35	71.4	9	14	US-10-367-506-10	Sequence 7392, Appl1
45	35	71.4	69	14	US-10-106-698-7392	

ALIGNMENTS

RESULT 1
US-09-887-853-6
Sequence 6, Application US/09887853
Patent No. US20020168375A1
GENERAL INFORMATION:
APPLICANT: Huston, James S.
Oppermann, Hermann
Houston, L. L.
Ring, David B.
TITLE OF INVENTION: Biosynthetic Binding Proteins For
Imaging
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESS: Testa, Hurwitz & Thibault/Patent Department
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/887,853
FILING DATE: 21-Jun-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/133,804
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637

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/ REFERENCE/DOCKET NUMBER: 2054/22
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-248-7477
/ TELEFAX: 617-248-7100
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 243 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6
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Query Match          100.0%; Score 49; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LQYAIFFPYT 9
Db 222 LQYAIFFPYT 230
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US-10-683-547-6
/ Sequence 6, Application US/10683547
/ Publication No. US20050058638A1
/ GENERAL INFORMATION:
/ APPLICANT: Houston, J.
/ APPLICANT: Houston, L.L.
/ APPLICANT: Ring, D.
/ APPLICANT: Oppermann, H.
/ TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
/ FILE REFERENCE: CIBT-P01-130
/ CURRENT APPLICATION NUMBER: US/10/683,547
/ PRIOR FILING DATE: 2003-10-10
/ PRIOR APPLICATION NUMBER: US/09/558,741
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 07/831,967
/ PRIOR FILING DATE: 1992-02-06
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 243
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 520C9 sFv
US-10-683-547-6
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Best Local Similarity 100.0%; Pred. No. 0.34;
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Db 222 LQYAIFFPYT 230
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RESULT 3
US-09-766-543-10
/ Sequence 10, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: PP01679, 002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ PRIOR FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
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/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 10
/ LENGTH: 267
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: 520C9
/ OTHER INFORMATION: humanized single-chain antibody used in the
/ OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10
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Db 241 LQYAIFFPYT 249
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RESULT 4
US-09-766-543-12
/ Sequence 12, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: PP01679,002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ PRIOR FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 12
/ LENGTH: 276
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus
/ OTHER INFORMATION: linker
US-09-766-543-12
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Best Local Similarity 100.0%; Pred. No. 0.38;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 241 LQYAIFFPYT 249
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RESULT 5
US-10-010-729-45
/ Sequence 45, Application US/10010729
/ Publication No. US20030185827A1
/ GENERAL INFORMATION:
/ APPLICANT: Rodriguez, Moses
/ APPLICANT: Miller, David J.
/ APPLICANT: Pease, Larry R.
/ TITLE OF INVENTION: Human IGM Antibodies and Diagnostic and
/ TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous
/ TITLE OF INVENTION: System
/ FILE REFERENCE: 1199-1-005CIP2
/ CURRENT APPLICATION NUMBER: US/10/010,729
/ PRIOR FILING DATE: 2001-11-13
/ PRIOR APPLICATION NUMBER: 09/730,473
/ PRIOR FILING DATE: 2000-12-05
/ PRIOR APPLICATION NUMBER: 09/580,787
/ PRIOR FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: 09/322,862
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;; PRIOR FILING DATE: 1999-05-28
;; PRIOR APPLICATION NUMBER: 08/779,784
;; PRIOR FILING DATE: 1997-01-07
;; PRIOR APPLICATION NUMBER: 08/692,084
;; PRIOR FILING DATE: 1996-08-08
;; PRIOR APPLICATION NUMBER: 08/236,520
;; PRIOR FILING DATE: 1994-04-29
;; NUMBER OF SEQ ID NOS: 80
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 45
;; LENGTH: 108
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-10-010-729-45

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Best Local Similarity 88.9%; Pred. No. 2;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 LOYAFPPY 9
Db 89 LOYASPPY 97

RESULT 6
US-10-437-963-119518
;; Sequence 119518, Application US/10437963
;; Publication No. US20040123343A1
;; GENERAL INFORMATION:
;; APPLICANT: La Rosa, Thomas J.
;; APPLICANT: Kovalic, David K.
;; APPLICANT: Zhou, Yihua
;; APPLICANT: Cao, Yongwei
;; APPLICANT: Wu, Wei
;; APPLICANT: Boukharov, Andrey A.
;; APPLICANT: Barbazuk, Brad
;; APPLICANT: Li, Ping
;; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with
;; FILE REFERENCE: 38-21(53221)B
;; CURRENT APPLICATION NUMBER: US/10/437,963
;; CURRENT FILING DATE: 2003-05-14
;; NUMBER OF SEQ ID NOS: 204966
;; SEQ ID NO 119518
;; LENGTH: 217
;; TYPE: PRT
;; ORGANISM: Oryza sativa
;; FEATURE:
;; OTHER INFORMATION: Clone ID: PAT_MRT4530_22728C.1.pep.
US-10-437-963-119518

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Best Local Similarity 85.7%; Pred. No. 23;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 3 YAFPPY 9
Db 199 YAVFPY 205

RESULT 7
US-09-920-262A-6
;; Sequence 6, Application US/09920262A
;; Publication No. US20030124123A1
;; GENERAL INFORMATION:
;; APPLICANT: Shealy, David
;; APPLICANT: Knight, David
;; APPLICANT: Scallion, Bernie
;; APPLICANT: Giles-Komar, Jill
;; APPLICANT: Peritt, David
;; TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES
;; FILE REFERENCE: GEN0248
;; NUMBER OF SEQ ID NOS: 13
;; CURRENT APPLICATION NUMBER: US/09/920,262A

;; CURRENT FILING DATE: 2002-05-06
;; PRIOR APPLICATION NUMBER: 60/223,358
;; PRIOR FILING DATE: 2000-08-07
;; PRIOR APPLICATION NUMBER: 60/236,827
;; PRIOR FILING DATE: 2000-09-29
;; NUMBER OF SEQ ID NOS: 15
;; SOFTWARE: PatentIn Ver 3.1
;; SEQ ID NO 6
;; LENGTH: 9
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-920-262A-6

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Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAFPPY 9
Db 2 QYIYPPY 9

RESULT 8
US-10-268-501-12
;; Sequence 12, Application US/10268501
;; Publication No. US20030086924A1
;; GENERAL INFORMATION:
;; APPLICANT: Sliwowski, Mark X.
;; TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies
;; FILE REFERENCE: P1467R2P1
;; CURRENT APPLICATION NUMBER: US/10/268,501
;; CURRENT FILING DATE: 2002-10-10
;; PRIOR APPLICATION NUMBER: US 09/602,812
;; PRIOR FILING DATE: 2000-06-23
;; PRIOR APPLICATION NUMBER: US 60/141,316
;; PRIOR FILING DATE: 1999-06-25
;; NUMBER OF SEQ ID NOS: 13
;; SEQ ID NO 12
;; LENGTH: 9
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-10-268-501-12

Query Match 73.5%; Score 36; DB 14; Length 9;
Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAFPPY 9
Db 2 QYIYPPY 9

RESULT 9
US-10-608-626-12
;; Sequence 12, Application US/10608626
;; Publication No. US20040013667A1
;; GENERAL INFORMATION:
;; APPLICANT: Kelsey, Stephen M.
;; APPLICANT: Sliwowski, Mark X.
;; TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies
;; FILE REFERENCE: P1467R2P2
;; CURRENT APPLICATION NUMBER: US/10/608,626
;; CURRENT FILING DATE: 2003-06-27
;; PRIOR APPLICATION NUMBER: US 10/268,501
;; PRIOR FILING DATE: 2002-10-10
;; PRIOR APPLICATION NUMBER: US 09/602,812
;; PRIOR FILING DATE: 2000-06-23
;; PRIOR APPLICATION NUMBER: US 60/141,316
;; PRIOR FILING DATE: 1999-06-25
;; NUMBER OF SEQ ID NOS: 13
;; SEQ ID NO 12
;; LENGTH: 9
;; TYPE: PRT

ORGANISM: Mus musculus
US-10-608-626-12

Query Match 73.5%; Score 36; DB 15; Length 9;
Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 QVAIFPYT 9
Db 2 QYIIPYT 9

RESULT 10
US-10-719-310-12
Sequence 12, Application US/10719310
Publication No. US20040258685A1
GENERAL INFORMATION:
APPLICANT: Brunetta, Paul G.
APPLICANT: Sliwowski, Mark X.
TITLE OF INVENTION: THERAPY OF NON-MALIGNANT DISEASES OR DISORDERS WITH
FILE REFERENCE: P1979R1
CURRENT APPLICATION NUMBER: US/10/719,310
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/428,027
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 12
LENGTH: 9
TYPE: PRT
ORGANISM: Mus musculus
US-10-719-310-12

Query Match 73.5%; Score 36; DB 16; Length 9;
Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 QVAIFPYT 9
Db 2 QYIIPYT 9

RESULT 11
US-10-912-994-6
Sequence 6, Application US/10912994
Publication No. US20050002937A1
GENERAL INFORMATION:
APPLICANT: Giles-Komar, Jill
APPLICANT: Knight, David
APPLICANT: Peritt, David
APPLICANT: Scallion, Bernie
APPLICANT: Shealy, David
TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES
FILE REFERENCE: CEN0248DIV1
CURRENT APPLICATION NUMBER: US/10/912,994
CURRENT FILING DATE: 2004-08-06
PRIOR APPLICATION NUMBER: US 60/223,358
PRIOR FILING DATE: 2000-08-07
PRIOR APPLICATION NUMBER: US 60/236,827
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: US 09/920,262
PRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver 3.1
SEQ ID NO 6
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
US-10-912-994-6

Query Match 73.5%; Score 36; DB 17; Length 9;
Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 QVAIFPYT 9
Db 2 QYIIPYT 9

RESULT 12
US-10-975-883-6
Sequence 6, Application US/10975883
Publication No. US20050112127A1
GENERAL INFORMATION:
APPLICANT: Giles-Komar, Jill
APPLICANT: Knight, David
APPLICANT: Peritt, David
APPLICANT: Scallion, Bernie
APPLICANT: Shealy, David
TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES AND USES
FILE REFERENCE: CEN0248DIV04
CURRENT APPLICATION NUMBER: US/10/975,883
CURRENT FILING DATE: 2004-10-28
PRIOR APPLICATION NUMBER: US 60/223,358
PRIOR FILING DATE: 2000-08-07
PRIOR APPLICATION NUMBER: US 60/236,827
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: US 09/920,262
PRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver 3.1
SEQ ID NO 6
LENGTH: 9
TYPE: PRT
ORGANISM: Homo sapiens
US-10-975-883-6

Query Match 73.5%; Score 36; DB 17; Length 9;
Best Local Similarity 75.0%; Pred. No. 1.6e+06;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 QVAIFPYT 9
Db 2 QYIIPYT 9

RESULT 13
US-10-437-963-137213
Sequence 137213, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 137213
LENGTH: 88
TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_38717C.1.pep
US-10-437-963-137213

Query Match 73.5%; Score 36; DB 16; Length 88;
Best Local Similarity 85.7%; Pred. No. 35;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 3 YAIFFPT 9
:|||||
Db 60 FAIFPT 66

RESULT 14
US-10-268-501-1
; Sequence 1, Application US/10268501
; Publication No. US20030086924A1
; GENERAL INFORMATION:
; APPLICANT: Sliwowski, Mark X.
; TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies
; FILE REFERENCE: P1467R2P1
; CURRENT APPLICATION NUMBER: US/10/268,501
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 09/602,812
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/141,316
; PRIOR FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 1
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Musculus
US-10-268-501-1

Query Match 73.5%; Score 36; DB 14; Length 107;
Best Local Similarity 75.0%; Pred. No. 43;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAIFFPT 9
|||:||||
Db 90 QYIYIYPT 97

RESULT 15
US-10-268-501-3
; Sequence 3, Application US/10268501
; Publication No. US20030086924A1
; GENERAL INFORMATION:
; APPLICANT: Sliwowski, Mark X.
; TITLE OF INVENTION: Treatment with Anti-ErbB2 Antibodies
; FILE REFERENCE: P1467R2P1
; CURRENT APPLICATION NUMBER: US/10/268,501
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 09/602,812
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/141,316
; PRIOR FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: humanized VL sequence
US-10-268-501-3

Query Match 73.5%; Score 36; DB 14; Length 107;
Best Local Similarity 75.0%; Pred. No. 43;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 2 QYAIFFPT 9
|||:||||
Db 90 QYIYIYPT 97

Search completed: August 22, 2005, 15:38:28
Job time : 62.3125 secs

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somatostatin receptor 2 - mouse

C:Species: Mus musculus (house mouse)

C>Date: 30-Sep-1993 #sequence_revision 30-Sep-1993 #text_change 09-Jul-2004

C:Accession: D41795; 156236

R.Yamada, Y.; Post, S.R.; Wang, K.; Tager, H.S.; Bell, G.I.; Seino, S.

Proc. Natl. Acad. Sci. U.S.A. 89, 251-255, 1992

A>Title: Cloning and functional characterization of a family of human and mouse somatostatins

A:Reference number: A41795; MUID:92108031; PMID:1346068

A:Accession: D41795

A>Status: nucleic acid sequence not shown

A:Residues: 1-369 <YAM>

A:Molecule type: DNA

A:CROSS-references: UNIPROT:P30875; GB:M81832; NID:g201060; PIDD:AAA58256.1; PID:g201061

R.Elliott, D.B.; McNeill, A.; Blum, A.M.; Sandor, W.; Lynch, R.; Weinstein, J.V.

J. Immunol. 153, 1180-1186, 1994

A>Title: T lymphocytes isolated from the hepatic granulomas of schistosoma-infected mice

A:Reference number: 156236; MUID:94300079; PMID:7913111

A:Accession: 156236

A>Status: preliminary; translated from GB/EMBL/DDBJ

A:Molecule type: mRNA

A:Residues: 99-309 <RES>

A:CROSS-references: GB:S71756; NID:g560631

C:Superfamily: vertebrate rhodopsin

C:Keywords: G protein-coupled receptor; hormone receptor; transmembrane protein

Query Match 12.6%; Score 206; DB 2; Length 369;
Best Local Similarity 19.9%; Pred. No. 1.5e-09;
Matches 55; Conservative 68; Mismatches 125; Indels 28; Gaps 7;

Oy 28 LLSLYTIVLIGLVG--VISILFLVGMNTRSYTMAYINLVVHVSFLTVPPRLTL 84
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Db 46 LFPIFYVVCVGCGNTLVTVIIRYAKMT--ITNIYLMAIDELFMGLPFLAMOV 103
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Oy 85 IKKTWEGFPCFCFVSAMLHMVLTFLEVVILTFRLLIFPKCKDKVEFYRKLHVAAS 144
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Db 104 ALVHPFGKRAICRVMTVDGINQFTSIFCLTWMSIDRYLAHVNPISAKMRPRTKAMTN 163
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Oy 145 AGMVTLVIVLVLVRSRYGIHEEYNBEHC-FKFKEALATYYVKLIINTWIVI-FVIYAV 202
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Db 164 VAWMCVSLVILPIMYAAGLRSNQMGRSSCTINMGESGAWYTGTFIYAFILGFLPLTI 223
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Oy 203 ILLVFOVPTIMLVOKLRHSILSHOEFAQLKNL--PTIGVLGFELPYQPFRIY---- 255
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Db 224 ICLCYFFIIHKVXSSGGIRVSSSKRKSEKTKTRWSIVAVAFICWLPEYINVSVSVA 283
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Oy 256 -----YLVNVTASNACSSKV--APYNEIF 277
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :
Db 284 ISPTPALKKMFDFVAILTVANSCANPILYAFLLSDNF 319
| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | :

RESULT 11

B41795

Somatostatin receptor 2 - human

C:Species: Homo sapiens (man)

C>Date: 31-Dec-1993 #sequence_revision 31-Dec-1993 #text_change 09-Jul-2004

C:Accession: B41795

R.Yamada, Y.; Post, S.R.; Wang, K.; Tager, H.S.; Bell, G.I.; Seino, S.

Proc. Natl. Acad. Sci. U.S.A. 89, 251-255, 1992

A>Title: Cloning and functional characterization of a family of human and mouse somatostatin receptors

A:Reference number: A41795; MUID:92108031; PMID:1346068

A:Accession: B41795

A:Molecule type: DNA

A:Residues: 1-369 <YAM>

A:CROSS-references: UNIPROT:P30874; GB:M81830; NID:g307435; PIDD:AAA58248.1; PID:g307436

A>Note: Sequence extracted from NCBI backbone (NCBIN:74769, NCBIPI:74770)

C:Genetics:

A:Gene: GDB:SSTR2

A:CROSS-references: GDB:134186; OMIM:182452

A:Map position: 17q24-17q24

A:Introns: #status absent

C:Superfamily: vertebrate rhodopsin

C:Keywords: G protein-coupled receptor; glycoprotein; hormone receptor; lipoprotein; phg

F:44-69/Domain: transmembrane #status predicted <TM>

Query Match 12.5% Score 205; DB 2; Length 369;
Best Local Similarity 20.7%; Pred. No. 1.8e-09;
Matches 57; Conservative 66; Mismatches 125; Indels 28; Gaps 7;

F.180-105/Domain: transmembrane #status predicted <TM2>
F.117-138/Domain: transmembrane #status predicted <TM3>
F.158-180/Domain: transmembrane #status predicted <TM4>
F.205-235/Domain: transmembrane #status predicted <TM5>
F.254-281/Domain: transmembrane #status predicted <TM6>
F.288-315/Domain: transmembrane #status predicted <TM7>
F.322-29,32,33/Binding site: carbohydrate (Asn) (covalent) #status predicted
F.115-193/Disulfide bonds: #status predicted
F.250/Binding site: phosphate (Ser) (covalent) (by CAMP-dependent kinase) #status predicted
F.328/Binding site: palmitate (Cys) (covalent) #status predicted

Query Match 12.5% Score 205; DB 2; Length 369;
Best Local Similarity 20.7%; Pred. No. 1.8e-09;
Matches 57; Conservative 66; Mismatches 125; Indels 28; Gaps 7;

28 LISLIFYVLIGLVG---VISILFLVGMNRSVTVMVINLVVHVSVELLPRLTYL 84
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
46 LTFIFVVCITIGLGNTLVIVILRYAKMT--ITNIYIINLAIDELFMGLPPLAMQV 103
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
85 IKKTWMFGLPCKFVSAMLHIIMYLTLFLFYVIIIVTRYLIFFKCKDVEFYRKLAAVAAS 144
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
104 ALVMPFPKALCRVVMVTVDGINOFTSIFCLTVMSIDRLAVVHPIKSAKMRRPTAKMIT 163
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
145 AGMNTLVIVIVPLVNSRYGIHEEYNBHC-FKHNEKLAITYVKIINYMIYI-FPIANAV 202
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
164 MAVWGVSLLVILPMIYAGLSNQMGSSCTINNPGESGAWYTGFIIYTFPIIGFLVPLTI 223
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
203 ILAVFOVFIIIMLMOKLRHSLSHOEFMAOLKNL--PFIGVILVCFEPYOFRIY----- 255
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
224 ICLCLPFIITIKVKSGLRVSGSKRKSEKKTKTRWISIVAVPIFCMLPFIYFNVSVSMA 283
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
256 -----YLNVVTHSNACSSKV--AFYNEIF 277
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
284 ISPTPALKMFDPFVVLITYANSKANPILIATLSINF 319
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

RESULT 12

A45291
somatostatin receptor, somatotropin release-inhibiting factor receptor, SRIF receptor -
C:Species: Rattus norvegicus (Norway rat)
C:Date: 25-Mar-1993 #sequence_revision 18-Nov-1994 #text_change 09-Jul-2004
C:Accession: A45291
R:Kluxen, F.W.; Bruns, C.; Lubbert, H.
Proc. Natl. Acad. Sci. U.S.A. 89, 4618-4622, 1992
A:Title: Expression cloning of a rat brain somatostatin receptor cDNA.
A:Reference number: A45291; MUID:92262491; PMID:1374909
A:Accession: A45291
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-369 <KU>
A:Cross-references: UNIPROT:P30680; GB:M33273; NID:g207026; PUDN:A442165.1; PID:g20702
A>Note: sequence extracted from NCBI backbone (NCBIN:102315, NCBI:P:102316)
C:Superfamily: vertebrate rhodopsin
C:Keywords: G protein-coupled receptor; transmembrane protein

Query Match 12.5% Score 205; DB 2; Length 369;
Best Local Similarity 19.9%; Pred. No. 1.8e-09;
Matches 55; Conservative 66; Mismatches 125; Indels 28; Gaps 7;

28 LISLIFYVLIGLVG---VISILFLVGMNRSVTVMVINLVVHVSVELLPRLTYL 84
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
46 LTFIFVVCITIGLGNTLVIVILRYAKMT--ITNIYIINLAIDELFMGLPPLAMQV 103
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
85 IKKTWMFGLPCKFVSAMLHIIMYLTLFLFYVIIIVTRYLIFFKCKDVEFYRKLAAVAAS 144
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
104 ALVMPFPKALCRVVMVTVDGINOFTSIFCLTVMSIDRLAVVHPIKSAKMRRPTAKMIN 163
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
145 AGMNTLVIVIVPLVNSRYGIHEEYNBHC-FKHNEKLAITYVKIINYMIYI-FPIANAV 202
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
164 VAWGVSLVILPMIYAGLSNQMGSSCTINNPGESGAWYTGFIIYATPIIGFLVPLTI 223
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
203 ILAVFOVFIIIMLMOKLRHSLSHOEFMAOLKNL--PFIGVILVCFEPYOFRIY----- 255
::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 47.6875 Seconds

(without alignments)
57.461 Million cell updates/sec

Title: US-09-887-853-6_COPY_183_189

Perfect score: 31

Sequence: 1 ATSSLS 7

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubppaa/US08_NEW_PUB.pep.*
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9: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubppaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubppaa/US09C_PUBCOMB.pep.*
13: /cgn2_6/ptodata/1/pubppaa/US10_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubppaa/US10_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubppaa/US10C_PUBCOMB.pep.*
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19: /cgn2_6/ptodata/1/pubppaa/US11_PUBCOMB.pep.*
20: /cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep.*
21: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep.*
22: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	7	US-09-924-099-4	Sequence 4, Appl1
2	31	100.0	7	US-10-307-2768-40	Sequence 40, Appl1
3	31	100.0	7	US-11-061-956-40	Sequence 40, Appl1
4	31	100.0	97	US-09-864-408A-5474	Sequence 5474, Ap
5	31	100.0	108	US-09-924-099-1	Sequence 1, Appl1
6	31	100.0	108	US-10-010-729-45	Sequence 45, Appl1
7	31	100.0	108	US-10-307-2768-4	Sequence 4, Appl1
8	31	100.0	108	US-10-307-2768-6	Sequence 6, Appl1
9	31	100.0	108	US-10-803-622-267	Sequence 267, App
10	31	100.0	108	US-10-803-653-267	Sequence 267, App
11	31	100.0	108	US-11-061-956-4	Sequence 4, Appl1

12	31	100.0	108	US-11-061-956-6	Sequence 6, Appl1
13	31	100.0	109	US-09-943-906-74	Sequence 74, Appl1
14	31	100.0	109	US-10-435-602-74	Sequence 74, Appl1
15	31	100.0	109	US-11-027-139-74	Sequence 74, Appl1
16	31	100.0	112	US-10-355-780-1	Sequence 1, Appl1
17	31	100.0	130	US-08-779-784-35	Sequence 35, Appl1
18	31	100.0	130	US-10-010-729-71	Sequence 71, Appl1
19	31	100.0	144	US-10-642-120-4	Sequence 4, Appl1
20	31	100.0	144	US-10-642-066-4	Sequence 4, Appl1
21	31	100.0	144	US-10-642-122-4	Sequence 4, Appl1
22	31	100.0	144	US-10-642-124-4	Sequence 4, Appl1
23	31	100.0	144	US-10-621-269-4	Sequence 4, Appl1
24	31	100.0	144	US-10-620-850-4	Sequence 4, Appl1
25	31	100.0	144	US-10-642-118-4	Sequence 4, Appl1
26	31	100.0	144	US-10-642-119-4	Sequence 4, Appl1
27	31	100.0	144	US-10-642-117-4	Sequence 4, Appl1
28	31	100.0	144	US-10-642-099-4	Sequence 4, Appl1
29	31	100.0	144	US-10-642-064-4	Sequence 4, Appl1
30	31	100.0	144	US-10-642-116-4	Sequence 4, Appl1
31	31	100.0	144	US-10-642-100-4	Sequence 4, Appl1
32	31	100.0	144	US-10-642-058-4	Sequence 4, Appl1
33	31	100.0	144	US-10-642-121-4	Sequence 4, Appl1
34	31	100.0	144	US-10-642-065-4	Sequence 4, Appl1
35	31	100.0	144	US-10-642-071-4	Sequence 4, Appl1
36	31	100.0	144	US-10-642-059-4	Sequence 4, Appl1
37	31	100.0	147	US-10-106-698-6340	Sequence 6340, Ap
38	31	100.0	234	US-10-369-493-9621	Sequence 9621, Ap
39	31	100.0	236	US-10-879-994-6	Sequence 6, Appl1
40	31	100.0	237	US-10-610-452-6	Sequence 9, Appl1
41	31	100.0	237	US-09-924-099-9	Sequence 9, Appl1
42	31	100.0	243	US-09-924-099-10	Sequence 10, Appl1
43	31	100.0	243	US-09-887-853-6	Sequence 6, Appl1
44	31	100.0	243	US-10-683-547-6	Sequence 6, Appl1
45	31	100.0	252	US-10-239-656-55	Sequence 55, Appl1

ALIGNMENTS

RESULT 1
US-09-924-099-4
; Sequence 4, Application US/09924099
; Patent No. US20020128450A1
; GENERAL INFORMATION:
; APPLICANT: NISHIDA, Yoshihiro
; APPLICANT: OKURA, Takao
; APPLICANT: TANIMOTO, Tadao
; APPLICANT: KIRIMOTO, Masashi
; TITLE OF INVENTION: PEPTIDE
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/924, 099
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/338, 511
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 289, 044/98
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 365, 023/98
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 33
; SEQ ID NO 4
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-924-099-4

Query Match 100.0%; Score 31; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATSSLS 7
|||
Db 1 ATSSLS 7

RESULT 2
US-10-307-276B-40
; Sequence 40, Application US/10307276B
; Publication No. US20040101904A1
; GENERAL INFORMATION:
; APPLICANT: William M. Pardridge
; Ruben J. Boado
; TITLE OF INVENTION: Delivery Of Pharmaceutical Agents
; Via The Human Insulin Receptor
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Shapito & Dupont LLP
; STREET: 233 Wlshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/307,276B
; FILING DATE: 27-Nov-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 0180.0038
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 319-5411
; TELEFAX: (310) 319-5401
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 40
US-10-307-276B-40
Query Match 100.0%; Score 31; DB 16; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATSSLDS 7
Db 1 ATSSLDS 7
RESULT 3
US-11-061-956-40
; Sequence 40, Application US/11061956
; Publication No. US20050142141A1
; GENERAL INFORMATION:
; APPLICANT: William M. Pardridge
; TITLE OF INVENTION: Delivery Of Enzymes To The Brain
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Shapito & Dupont LLP
; STREET: 233 Wlshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/061,956
; FILING DATE: 17-Feb-2005
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 0180.0086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 319-5411
; TELEFAX: (310) 319-5401
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 40
US-11-061-956-40
Query Match 100.0%; Score 31; DB 20; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATSSLDS 7
Db 1 ATSSLDS 7
RESULT 4
US-09-864-408A-5474
; Sequence 5474, Application US/09864408A
; Publication No. US20040009474A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: No. US20040009474A1e1 Human Polynucleotides and Polypeptides Enc
; FILE REFERENCE: 21402-012
; CURRENT APPLICATION NUMBER: US/09/864,408A
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/206,690
; PRIOR FILING DATE: 2000-05-24
; NUMBER OF SEQ ID NOS: 9068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5474
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-864-408A-5474
Query Match 100.0%; Score 31; DB 11; Length 97;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATSSLDS 7
Db 52 ATSSLDS 58
RESULT 5
US-09-924-099-1
; Sequence 1, Application US/09924099
; Patent No. US20020128450A1
; GENERAL INFORMATION:
; APPLICANT: NISHIDA, Yoshihiro
; APPLICANT: OKURA, Takao
; APPLICANT: TANIMOTO, Tadao
; APPLICANT: KURIMOTO, Masashi
; TITLE OF INVENTION: PEPTIDE
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/924,099
; CURRENT FILING DATE: 2001-08-08

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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/338,511
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 289,044/98
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 365,023/98
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 33
; SEQ ID NO: 1
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-924-099-1

Query Match      100.0%; Score 31; DB 9; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ATSSLDS 7
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        50 ATSSLDS 56

RESULT 6
US-10-010-729-45
; Sequence 45, Application US/10010729
; Publication No. US20030185827A1
; GENERAL INFORMATION:
; APPLICANT: Rodriguez, Moses
; APPLICANT: Miller, David J.
; APPLICANT: Pease, Larry R.
; TITLE OF INVENTION: Human IGM Antibodies and Diagnostic and
; TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous
; TITLE OF INVENTION: System
; FILE REFERENCE: 1199-1-005CIP2
; CURRENT APPLICATION NUMBER: US/10/010,729
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 09/730,473
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/580,787
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 09/322,862
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 08/779,784
; PRIOR FILING DATE: 1997-01-07
; PRIOR APPLICATION NUMBER: 08/692,084
; PRIOR FILING DATE: 1996-08-08
; PRIOR APPLICATION NUMBER: 08/236,520
; PRIOR FILING DATE: 1994-04-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Paceseq for Windows Version 4.0
; SEQ ID NO: 45
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-010-729-45

Query Match      100.0%; Score 31; DB 14; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ATSSLDS 7
        |||||
        50 ATSSLDS 56

RESULT 7
US-10-307-276B-4
; Sequence 4, Application US/10307276B
; Publication No. US20040101904A1
; GENERAL INFORMATION:
; APPLICANT: William M. Pardridge
; APPLICANT: Ruben J. Boado
; TITLE OF INVENTION: Delivery Of Pharmaceutical Agents
```

```

; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Shapiro & Dupont LLP
; STREET: 233 Wilshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/307,276B
; FILING DATE: 27-Nov-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 0180,0038
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 319-5411
; TELEFAX: (310) 319-5401
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 4
US-10-307-276B-4

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ATSSLDS 7
        |||||
        50 ATSSLDS 56

RESULT 8
US-10-307-276B-6
; Sequence 6, Application US/10307276B
; Publication No. US20040101904A1
; GENERAL INFORMATION:
; APPLICANT: William M. Pardridge
; APPLICANT: Ruben J. Boado
; TITLE OF INVENTION: Delivery Of Pharmaceutical Agents
; TITLE OF INVENTION: Via The Human Insulin Receptor
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Shapiro & Dupont LLP
; STREET: 233 Wilshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/307,276B
; FILING DATE: 27-Nov-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
```

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REFERENCE/DOCKET NUMBER: 0180.0038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (310) 319-5411
TELEFAX: (310) 319-5401
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6
US-10-307-276B-6

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
Db      50 ATSSLDS 56

RESULT 9
US-10-803-622-267
Sequence 267, Application US/10803622
Publication No. US2004015721A1
GENERAL INFORMATION:
APPLICANT: Cambridge Antibody Technology
APPLICANT: Cambridge Antibody Technology Limited
APPLICANT: Medical Research Council
APPLICANT: McCafferty, John
APPLICANT: Pope, Anthony
APPLICANT: Johnson, Kevin
APPLICANT: Hoogenboom, Hendricus
APPLICANT: Grifflths, Andrew
APPLICANT: Jackson, Ronald
APPLICANT: Holliger, Kasper
APPLICANT: Marks, James
APPLICANT: Clackson, Timothy
APPLICANT: Chiswell, David
APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 13839-00013
CURRENT APPLICATION NUMBER: US/10/803,622
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR FILING DATE: 1991-03-06
PRIOR APPLICATION NUMBER: GB 9110549.4
PRIOR FILING DATE: 1991-05-15
PRIOR APPLICATION NUMBER: PCT/GB91/01134
PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
SOFTWARE: PatentIn version 3.1
SEQ ID NO 267
LENGTH: 108
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: light chain from clone M1F
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US-10-803-622-267

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
Db      50 ATSSLDS 56

RESULT 10
US-10-803-653-267
Sequence 267, Application US/10803653
Publication No. US2004015721A1
GENERAL INFORMATION:
APPLICANT: Cambridge Antibody Technology
APPLICANT: Cambridge Antibody Technology Limited
APPLICANT: Medical Research Council
APPLICANT: McCafferty, John
APPLICANT: Pope, Anthony
APPLICANT: Johnson, Kevin
APPLICANT: Hoogenboom, Hendricus
APPLICANT: Grifflths, Andrew
APPLICANT: Jackson, Ronald
APPLICANT: Holliger, Kasper
APPLICANT: Marks, James
APPLICANT: Clackson, Timothy
APPLICANT: Chiswell, David
APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 13839-00013
CURRENT APPLICATION NUMBER: US/10/803,653
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR FILING DATE: 1991-03-06
PRIOR APPLICATION NUMBER: GB 9110549.4
PRIOR FILING DATE: 1991-05-15
PRIOR APPLICATION NUMBER: PCT/GB91/01134
PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
SOFTWARE: PatentIn version 3.1
SEQ ID NO 267
LENGTH: 108
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: light chain from clone M1F
US-10-803-653-267

Query Match      100.0%; Score 31; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 ATSSLDS 7
Db      50 ATSSLDS 56

RESULT 11
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US-11-061-956-4
; Sequence 4, Application US/11061956
; Publication No. US20050142141A1
; GENERAL INFORMATION:
; APPLICANT: William M. Partridge
; TITLE OF INVENTION: Delivery Of Enzymes To The Brain
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Shapito & Dupont LLP
; STREET: 233 Wiltshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/061,956
; FILING DATE: 17-Feb-2005
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 0180.0086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 319-5411
; TELEFAX: (310) 319-5401
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 4
US-11-061-956-4
Query Match 100.0%; Score 31; DB 20; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATSSLDS 7
Db 50 ATSSLDS 56
RESULT 12
US-11-061-956-6
; Sequence 6, Application US/11061956
; Publication No. US20050142141A1
; GENERAL INFORMATION:
; APPLICANT: William M. Partridge
; TITLE OF INVENTION: Delivery Of Enzymes To The Brain
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Shapito & Dupont LLP
; STREET: 233 Wiltshire Boulevard, Suite 700
; CITY: Santa Monica
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/061,956
; FILING DATE: 17-Feb-2005
; CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 0180.0086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 319-5411
; TELEFAX: (310) 319-5401
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6
US-11-061-956-6
Query Match 100.0%; Score 31; DB 20; Length 108;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATSSLDS 7
Db 50 ATSSLDS 56
RESULT 13
US-09-943-906-74
; Sequence 74, Application US/09943906
; Patent No. US20020150571A1
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley B.
; Williamson, R. Anthony
; Burton, Dennis R.
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,906
; FILING DATE: 30-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/550,374
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Bozicevic, Karl
; REGISTRATION NUMBER: 28,807
; REFERENCE/DOCKET NUMBER: 06510/059001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-5277
; TELEFAX: 415-854-0875
; TELELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-09-943-906-74

Query Match 100.0%; Score 31; DB 9; Length 109;
 Best Local Similarity 100.0%; Pred. No. 43;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
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 Db 50 ATSSLDS 56

RESULT 14
 US-10-435-602-74
 ; Sequence 74, Application US/10435602
 ; Publication No. US20030228303A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Prusiner, Stanley B.
 ; APPLICANT: Williamson, R. Anthony
 ; TITLE OF INVENTION: Antibodies Specific for Native PrPsc
 ; FILE REFERENCE: UCA1059CON3
 ; CURRENT APPLICATION NUMBER: US/10/435,602
 ; CURRENT FILING DATE: 2003-05-09
 ; PRIOR APPLICATION NUMBER: 09/943,906
 ; PRIOR FILING DATE: 2001-08-30
 ; PRIOR APPLICATION NUMBER: 09/550,374
 ; PRIOR FILING DATE: 2000-04-13
 ; PRIOR APPLICATION NUMBER: 09/036,579
 ; PRIOR FILING DATE: 1998-03-06
 ; PRIOR APPLICATION NUMBER: 08/713,939
 ; PRIOR FILING DATE: 1996-09-13
 ; PRIOR APPLICATION NUMBER: 08/528,104
 ; PRIOR FILING DATE: 1995-09-14
 ; NUMBER OF SEQ ID NOS: 86
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 74
 ; LENGTH: 109
 ; TYPE: PRT
 ; ORGANISM: mouse
 US-10-435-602-74

Query Match 100.0%; Score 31; DB 15; Length 109;
 Best Local Similarity 100.0%; Pred. No. 43;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
 |||||
 Db 50 ATSSLDS 56

RESULT 15
 US-11-027-139-74
 ; Sequence 74, Application US/11027139
 ; Publication No. US20050158803A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Prusiner, Stanley B.
 ; APPLICANT: Williamson, R. Anthony
 ; TITLE OF INVENTION: Antibodies Specific for Native PrPsc
 ; FILE REFERENCE: UCA1059CON3
 ; CURRENT APPLICATION NUMBER: US/11/027,139
 ; CURRENT FILING DATE: 2004-12-29
 ; PRIOR APPLICATION NUMBER: US/10/435,602
 ; PRIOR FILING DATE: 2003-05-09
 ; PRIOR APPLICATION NUMBER: 09/943,906
 ; PRIOR FILING DATE: 2001-08-30
 ; PRIOR APPLICATION NUMBER: 09/550,374
 ; PRIOR FILING DATE: 2000-04-13
 ; PRIOR APPLICATION NUMBER: 09/036,579
 ; PRIOR FILING DATE: 1998-03-06
 ; PRIOR APPLICATION NUMBER: 08/713,939
 ; PRIOR FILING DATE: 1996-09-13
 ; PRIOR APPLICATION NUMBER: 08/528,104
 ; PRIOR FILING DATE: 1995-09-14
 ; NUMBER OF SEQ ID NOS: 86

; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 74
 ; LENGTH: 109
 ; TYPE: PRT
 ; ORGANISM: mouse
 US-11-027-139-74

Query Match 100.0%; Score 31; DB 20; Length 109;
 Best Local Similarity 100.0%; Pred. No. 43;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
 |||||
 Db 50 ATSSLDS 56

Search completed: August 22, 2005, 15:38:27
 Job time : 48.6875 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: August 22, 2005, 15:00:04 ; Search time 14 Seconds

(without alignments)
37.325 Million cell updates/sec

Title: US-09-887-853-6_COPY_183_189

Perfect score: 31

Sequence: 1 ATSSLDS 7

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/iaa/5A.COMB.dep:*
- 2: /cgn2_6/ptodata/1/iaa/5B.COMB.dep:*
- 3: /cgn2_6/ptodata/1/iaa/6A.COMB.dep:*
- 4: /cgn2_6/ptodata/1/iaa/6B.COMB.dep:*
- 5: /cgn2_6/ptodata/1/iaa/PTUS.COMB.dep:*
- 6: /cgn2_6/ptodata/1/iaa/backfile1.dep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	92	2	US-08-273-146-45
2	31	100.0	92	2	US-08-273-146-53
3	31	100.0	107	3	US-08-483-749A-26
4	31	100.0	108	4	US-09-726-219A-267
5	31	100.0	109	1	US-08-466-886-27
6	31	100.0	109	2	US-08-713-939A-74
7	31	100.0	109	3	US-08-469-617-27
8	31	100.0	109	3	US-09-036-579-74
9	31	100.0	109	3	US-09-550-374-74
10	31	100.0	109	4	US-09-943-806-74
11	31	100.0	109	4	US-08-469-630-27
12	31	100.0	112	4	US-09-627-218B-1
13	31	100.0	243	1	US-08-133-804-6
14	31	100.0	243	1	US-08-461-388-6
15	31	100.0	243	2	US-08-461-386-6
16	31	100.0	243	2	US-08-356-786-4
17	31	100.0	334	2	US-08-356-786-10
18	31	100.0	694	2	US-08-895-522-3
19	31	100.0	694	3	US-09-195-391-3
20	31	100.0	747	2	US-08-895-522-1
21	31	100.0	747	3	US-09-195-391-1
22	28	90.3	109	1	US-08-466-886-26
23	28	90.3	109	3	US-08-469-617-26
24	28	90.3	109	4	US-08-469-630-26
25	28	90.3	111	4	US-09-248-796A-20768
26	28	90.3	313	4	US-09-134-000C-5794
27	28	90.3	439	4	US-09-902-540-11372

ALIGNMENTS

28	28	90.3	614	4	US-09-540-236-2858	Sequence 2858, Ap
29	28	90.3	617	4	US-09-328-352-6700	Sequence 6700, Ap
30	28	90.3	624	4	US-09-252-991A-21625	Sequence 21625, A
31	28	90.3	744	4	US-09-248-796A-20773	Sequence 20773, A
32	28	90.3	1307	1	US-08-395-246C-2	Sequence 2, Appli
33	28	90.3	1334	2	US-08-996-545-2	Sequence 2, Appli
34	28	90.3	1334	3	US-09-328-320-2	Sequence 2, Appli
35	28	90.3	1334	4	US-09-758-828-2	Sequence 2, Appli
36	28	90.3	1349	2	US-08-612-734B-2	Sequence 2, Appli
37	28	90.3	1402	4	US-09-711-619-9	Sequence 9, Appli
38	28	90.3	1408	1	US-08-612-521-2	Sequence 13, Appli
39	27	87.1	105	3	US-08-881-189B-13	Sequence 14, Appli
40	27	87.1	107	2	US-08-888-366-14	Sequence 20, Appli
41	27	87.1	107	2	US-08-888-366-20	Sequence 26, Appli
42	27	87.1	107	2	US-08-888-366-26	Sequence 35025, A
43	27	87.1	108	4	US-09-270-767-50242	Sequence 50242, A
44	27	87.1	108	4	US-09-270-767-50242	Sequence 5004, Ap
45	27	87.1	243	4	US-09-134-000C-5004	

RESULT 1
US-08-273-146-45
Sequence 45, Application US/08273146
Patent No. 5853885
GENERAL INFORMATION:
APPLICANT: Smith, Rodger
APPLICANT: McCafferty, John
APPLICANT: Chiswell, David
APPLICANT: Darsley, Michael J.
APPLICANT: Fitzgerald, Kevin
APPLICANT: Kenlen, John H.
APPLICANT: Martin, Mark T.
APPLICANT: Tiltman, Richard C.
APPLICANT: Williams, Richard O.
TITLE OF INVENTION: The Isolation and Production of
NUMBER OF INVENTION: Catalytic Antibodies using Phage Technology
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: IGEN, Inc.
STREET: 1530 East Jefferson St.
CITY: Rockville
STATE: MD
COUNTRY: USA
ZIP: 20852
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-984-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-273-146-45
Query Match 100.0%; Score 31; DB 2; Length 92;
Best Local Similarity 100.0%; Pred. No. 6.9;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
Db 42 ATSSLDS 48

RESULT 2
US-08-273-146-53
Sequence 53, Application US/08273146
Patent No. 585585
GENERAL INFORMATION:
APPLICANT: Smith, Rodger
APPLICANT: McCafferty, John
APPLICANT: Chiswell, David
APPLICANT: Darsley, Michael J.
APPLICANT: Fitzgerald, Kevin
APPLICANT: Kenten, John H.
APPLICANT: Titmas, Richard C.
APPLICANT: Williams, Richard O.
TITLE OF INVENTION: The Isolation and Production of
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: IGEN, Inc.
STREET: 1530 East Jefferson St.
CITY: Rockville
STATE: MD
COUNTRY: USA
ZIP: 20852
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-984-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-273-146-53

Query Match 100.0%; Score 31; DB 2; Length 92;
Best Local Similarity 100.0%; Pred. No. 6.9; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
Db 42 ATSSLDS 48

RESULT 3
US-08-483-749A-26
Sequence 26, Application US/08483749A
Patent No. 6054561
GENERAL INFORMATION:
APPLICANT: RING, DAVID B.
TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY
TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS
NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097
CITY: EMERYVILLE
STATE: CA
COUNTRY: USA
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,749A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: SAVERIDE, PAUL B.
REGISTRATION NUMBER: 36,914
REFERENCE/DOCKET NUMBER: 0508.008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2585
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-483-749A-26

Query Match 100.0%; Score 31; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 8.2; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
Db 50 ATSSLDS 56

RESULT 4
US-09-726-219A-267
Sequence 267, Application US/09726219A
Patent No. 6806079
GENERAL INFORMATION:
APPLICANT: Cambridge Antibody Technology
APPLICANT: Cambridge Antibody Technology Limited
APPLICANT: Medical Research Council
APPLICANT: McCafferty, John
APPLICANT: Pope, Anthony
APPLICANT: Johnson, Kevin
APPLICANT: Hoogenboom, Hendricus
APPLICANT: Grifflins, Andrew
APPLICANT: Jackson, Ronald
APPLICANT: Holliger, Kasper
APPLICANT: Marks, James
APPLICANT: Jackson, Timothy
APPLICANT: Chiswell, David
APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 213839-00013
CURRENT APPLICATION NUMBER: US/09/726,219A
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9

PRIOR FILING DATE: 1991-03-06
PRIOR APPLICATION NUMBER: GB 9110549.4
PRIOR FILING DATE: 1991-05-15
PRIOR APPLICATION NUMBER: PCT/GB91/01134
PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
SOFTWARE: Patent version 3.1
SEQ ID NO 267
LENGTH: 108
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: light chain from clone M1F
US-09-726-219A-267

Query Match 100.0%; Score 31; DB 4; Length 108;
Best Local Similarity 100.0%; Pred. No. 8.3;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
Db 50 ATSSLDS 56

RESULT 5
US-08-466-886-27
Sequence 27, Application US/08466886
Patent No. 5776677
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Riordan, John R.
APPLICANT: Rommens, Johanna M.
APPLICANT: Kerem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drumm, Mitchell L.
APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,886
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329, 0010006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide

US-08-466-886-27

Query Match 100.0%; Score 31; DB 1; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
Db 99 ATSSLDS 105

RESULT 6
US-08-713-939A-74
Sequence 74, Application US/08713939A
Patent No. 584553
GENERAL INFORMATION:
APPLICANT: Prusiner, Stanley B.
APPLICANT: Williamson, R. Anthony
APPLICANT: Burton, Dennis R.
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: U.S.A.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/713,939A
FILING DATE: 13-SEP-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bozicevic, Karl
REGISTRATION NUMBER: 28,807
REFERENCE/DOCKET NUMBER: 06510/059001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-5277
TELEFAX: 415-854-0875
TELEX:
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-713-939A-74
Query Match 100.0%; Score 31; DB 2; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
Db 50 ATSSLDS 56

RESULT 7
US-08-469-617-27
Sequence 27, Application US/08469617
Patent No. 6201107
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Riordan, John R.

APPLICANT: Rommens, Johanna M.
APPLICANT: Kerem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drumm, Mitchell L.
APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,617
FILING DATE: 06-JUN-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329.0010008
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-469-617-27

Query Match 100.0%; Score 31; DB 3; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLS 7
Db 99 ATSSLS 105

RESULT 8
US-09-036-579-74
Sequence 74, Application US/09036579
Patent No. 6290954
GENERAL INFORMATION:
APPLICANT: Prusiner, Stanley B.
APPLICANT: Williamson, R. Anthony
APPLICANT: Burton, Dennis R.
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: U.S.A.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/036,579

FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/713,939
FILING DATE: 13-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bozicevic, Karl
REGISTRATION NUMBER: 28,807
REFERENCE/DOCKET NUMBER: 06510/059001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-5277
TELEFAX: 415-854-0875
TELEX:
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-036-579-74

Query Match 100.0%; Score 31; DB 3; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLS 7
Db 50 ATSSLS 56

RESULT 9
US-09-550-374-74
Sequence 74, Application US/09550374
Patent No. 6372214
GENERAL INFORMATION:
APPLICANT: Prusiner, Stanley B.
APPLICANT: Williamson, R. Anthony
APPLICANT: Burton, Dennis R.
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: U.S.A.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/550,374
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/036,579
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bozicevic, Karl
REGISTRATION NUMBER: 28,807
REFERENCE/DOCKET NUMBER: 06510/059001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-5277
TELEFAX: 415-854-0875
TELEX:
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-943-906-74

Query Match 100.0%; Score 31; DB 3; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
|||||
DB 50 ATSSLDS 56

RESULT 10
US-09-943-906-74
Sequence 74, Application US/09943906
Patent No. 6562341
GENERAL INFORMATION:

APPLICANT: Prusiner, Stanley B.
Williamson, R. Anthony
Burton, Dennis R.
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: U.S.A.
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,906
FILING DATE: 30-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/550,374
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Bozicevic, Karl
REGISTRATION NUMBER: 28,807
REFERENCE/DOCKET NUMBER: 06510/059001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-5277
TELEFAX: 415-854-0875
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 74:

US-09-943-906-74

Query Match 100.0%; Score 31; DB 4; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
|||||
DB 50 ATSSLDS 56

RESULT 11
US-08-469-630-27
Sequence 27, Application US/08469630
Patent No. 6730777

GENERAL INFORMATION:

APPLICANT: Tsui, Lap-Chee
APPLICANT: Riordan, John R.
APPLICANT: Rommens, Johanna M.
APPLICANT: Kelem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drumm, Mitchell L.
APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,630
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329, 0010005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-469-630-27

Query Match 100.0%; Score 31; DB 4; Length 109;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
|||||
DB 99 ATSSLDS 105

RESULT 12

US-09-627-218B-1
Sequence 1, Application US/09627218B
Patent No. 6537548
GENERAL INFORMATION:

APPLICANT: Prusiner, Stanley
APPLICANT: Safar, Jiri
APPLICANT: Williamson, Anthony
APPLICANT: Burton, Dennis
TITLE OF INVENTION: Antibodies Specific for Ungulate PrP
FILE REFERENCE: UCAL-194
CURRENT FILING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 112
TYPE: PrP
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthesized peptide

US-09-627-218B-1

Query Match 100.0%; Score 31; DB 4; Length 112;

Best Local Similarity 100.0%; Pred. No. 8.6; Mismatches 0; Indels 0; Gaps 0;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
|||||
50 ATSSLDS 56

RESULT 13

US-08-133-804-6
; Sequence 6, Application US/08133804
; Patent No. 5534254

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Proteins For

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department; STREET: Exchange Place, 53 State Street
; CITY: Boston; STATE: Massachusetts
; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk; OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25; CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/133,804

; FILING DATE:

; CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:; NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637; REFERENCE/DOCKET NUMBER: 2054/22
TELECOMMUNICATION INFORMATION:; TELEPHONE: 617-248-7477
TELEFAX: 617-248-7100

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 243 amino acids
; TYPE: amino acid; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-08-133-804-6

Query Match 100.0%; Score 31; DB 1; Length 243;

Best Local Similarity 100.0%; Pred. No. 21;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 ATSSLDS 7
|||||
183 ATSSLDS 189

Db 183 ATSSLDS 189

RESULT 14

US-08-461-838-6
; Sequence 6, Application US/08461838
; Patent No. 5753204

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Proteins For

; TITLE OF INVENTION: Imaging

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department; STREET: Exchange Place, 53 State Street
; CITY: Boston; STATE: Massachusetts
; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk; OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25; CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,838

; FILING DATE:

; CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:; NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637; REFERENCE/DOCKET NUMBER: 2054/22
TELECOMMUNICATION INFORMATION:; TELEPHONE: 617-248-7477
TELEFAX: 617-248-7100

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 243 amino acids
; TYPE: amino acid; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-08-461-838-6

Query Match 100.0%; Score 31; DB 1; Length 243;

Best Local Similarity 100.0%; Pred. No. 21;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 ATSSLDS 7
|||||
183 ATSSLDS 189

Db 183 ATSSLDS 189

RESULT 15

US-08-461-386-6
; Sequence 6, Application US/08461386
; Patent No. 5837846

; GENERAL INFORMATION:

; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.

; TITLE OF INVENTION: Biosynthetic Binding Proteins For

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department; STREET: Exchange Place, 53 State Street
; CITY: Boston; STATE: Massachusetts
; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk; OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25; CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,386

; FILING DATE:

; CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:; NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637

; TITLE OF INVENTION: Biosynthetic Binding Proteins For

REFERENCE/DOCKET NUMBER: 2054/22
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-248-7477
 TELEFAX: 617-248-7100
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 243 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-461-386-6

Query Match 100.0%; Score 31; DB 2; Length 243;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATSSLDS 7
 |||||
 Db 183 ATSSLDS 189

Search completed: August 22, 2005, 15:02:26
 Job time : 14 secs

This Page Blank (uspto)

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 22 Seconds
(without alignments)
37.325 Million cell updates/sec

Title: US-09-887-853-6_COPY_157_167

Perfect score: 53

Sequence: 1 RASQDIGNSLT 11

Scoring table: BLOSUM62

dapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Issued Patents AA:*

1: /cgn2_6/ptodata/1/1aa/5A COMB.pep:*

2: /cgn2_6/ptodata/1/1aa/5B COMB.pep:*

3: /cgn2_6/ptodata/1/1aa/6A COMB.pep:*

4: /cgn2_6/ptodata/1/1aa/6B COMB.pep:*

5: /cgn2_6/ptodata/1/1aa/PTUS COMB.pep:*

6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	53	100.0	107	3	US-08-483-749A-26
2	53	100.0	243	1	US-08-133-804-6
3	53	100.0	243	1	US-08-461-838-6
4	53	100.0	243	1	US-08-461-386-6
5	53	100.0	243	2	US-08-356-786-4
6	53	100.0	534	2	US-08-356-786-10
7	45	84.9	112	4	US-09-627-218B-1
8	43	81.1	92	2	US-08-273-146-45
9	43	81.1	92	2	US-08-273-146-53
10	43	81.1	107	2	US-08-888-366-14
11	43	81.1	107	2	US-08-888-366-20
12	43	81.1	107	2	US-08-888-366-26
13	43	81.1	108	4	US-09-726-219A-267
14	43	81.1	109	2	US-08-713-939A-74
15	43	81.1	109	3	US-09-036-579-74
16	43	81.1	109	3	US-09-550-374-74
17	43	81.1	109	3	US-09-943-506-74
18	43	81.1	11	4	US-09-155-106-4
19	42	79.2	108	4	US-09-155-106-22
20	42	79.2	108	4	US-09-155-106-23
21	42	79.2	108	4	US-09-155-106-24
22	42	79.2	108	4	US-09-155-106-28
23	42	79.2	108	4	US-09-155-106-30
24	39	73.6	11	1	US-07-942-245-497
25	39	73.6	31	3	US-08-525-539A-3
26	39	73.6	95	2	US-08-713-939A-72
27	39	73.6	95	3	US-09-036-579-72

28	39	73.6	95	3	US-09-550-374-72	Sequence 72, Appl
29	39	73.6	95	4	US-09-943-906-72	Sequence 70, Appl
30	39	73.6	107	1	US-08-436-463-20	Sequence 20, Appl
31	39	73.6	107	1	US-08-107-669D-1	Sequence 1, Appl
32	39	73.6	107	1	US-08-472-788A-1	Sequence 1, Appl
33	39	73.6	107	2	US-08-477-531B-1	Sequence 1, Appl
34	39	73.6	107	2	US-08-082-842A-1	Sequence 1, Appl
35	39	73.6	108	2	US-08-378-939-26	Sequence 26, Appl
36	39	73.6	108	4	US-09-232-290-27	Sequence 27, Appl
37	39	73.6	109	1	US-07-942-245-4	Sequence 4, Appl
38	39	73.6	109	2	US-08-713-939A-73	Sequence 73, Appl
39	39	73.6	109	3	US-09-036-579-73	Sequence 73, Appl
40	39	73.6	109	3	US-09-550-374-73	Sequence 73, Appl
41	39	73.6	109	4	US-09-943-906-73	Sequence 73, Appl
42	38	71.7	11	4	US-09-192-854-170	Sequence 170, App
43	38	71.7	106	4	US-08-635-109-8	Sequence 8, Appl
44	38	71.7	106	4	US-08-844-215-11	Sequence 11, Appl
45	37	69.8	96	4	US-09-472-087-99	Sequence 99, Appl

ALIGNMENTS

RESULT 1
US-08-483-749A-26
; Sequence 26, Application US/08483749A
; Patent No. 6054561
; GENERAL INFORMATION:
; APPLICANT: RING, DAVID B.
; TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY
; TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097
; CITY: EMERYVILLE
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,749A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: SAVERIDE, PAUL B.
; REGISTRATION NUMBER: 36,914
; REFERENCE/DOCKET NUMBER: 0508.008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2585
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-483-749A-26
Query Match 100.0%; Score 53; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RASQDIGNSLT 11
|||
Db 24 RASQDIGNSLT 34
RESULT 2

US-08-133-804-6
; Sequence 6, Application US/08133804
; Patent No. 5534254
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,804
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-133-804-6

Query Match 100.0%; Score 53; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSLT 11
Db 157 RASQDIGNSLT 167

RESULT 3
US-08-461-838-6
; Sequence 6, Application US/08461838
; Patent No. 5753204
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,838
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-838-6

Query Match 100.0%; Score 53; DB 1; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSLT 11
Db 157 RASQDIGNSLT 167

RESULT 4
US-08-461-386-6
; Sequence 6, Application US/08461386
; Patent No. 5837846
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.
; TITLE OF INVENTION: Biosynthetic Binding Proteins For
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,386
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelley, Robin D.
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: 2054/22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-248-7477
; TELEFAX: 617-248-7100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-461-386-6

Query Match 100.0%; Score 53; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSLT 11
|||||
Db 157 RASODIGNSLT 167

RESULT 5

US-08-356-786-4
; Sequence 4, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
; TITLE OF INVENTION: Marker
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault
; STREET: Exchange Place, 53 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,786
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/831,967
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: CRP-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 243 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-356-786-4

Query Match 100.0%; Score 53; DB 2; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSLT 11
|||||
Db 157 RASODIGNSLT 167

RESULT 6

US-08-356-786-10
; Sequence 10, Application US/08356786
; Patent No. 5877305
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Oppermann, Hermann
; APPLICANT: Houston, L. L.
; APPLICANT: Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
TITLE OF INVENTION: Marker
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibeault
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,786
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/831,967
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 534 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-356-786-10

Query Match 100.0%; Score 53; DB 2; Length 534;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSLT 11
|||||
Db 448 RASODIGNSLT 458

RESULT 7

US-09-627-218B-1
; Sequence 1, Application US/09627218B
; Patent No. 6537548
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley
; APPLICANT: Safar, Jiri
; APPLICANT: Williamson, Anthony
; APPLICANT: Burton, Dennis
; TITLE OF INVENTION: Antibodies Specific for Ungulate PrP
; FILE REFERENCE: UCAI-194
; CURRENT APPLICATION NUMBER: US/09/627,218B
; CURRENT FILING DATE: 2000-07-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized peptide
US-09-627-218B-1

Query Match 84.9%; Score 45; DB 4; Length 112;
Best Local Similarity 90.0%; Pred. No. 0.13;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10
Db 24 RASQDIGNSL 33

RESULT 8

US-08-273-146-45
Sequence 45, Application US/08273146
Patent No. 5855885
GENERAL INFORMATION:
APPLICANT: Smith, Roger
APPLICANT: McCafferty, John
APPLICANT: Chiswell, David
APPLICANT: Darsley, Michael J.
APPLICANT: Fitzgerald, Kevin
APPLICANT: Kenten, John H.
APPLICANT: Martin, Mark T.
APPLICANT: Titmas, Richard C.
TITLE OF INVENTION: The Isolation and Production of
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: IGEN, Inc.
STREET: 1530 East Jefferson St.
CITY: Rockville
STATE: MD
COUNTRY: USA
ZIP: 20852
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELEPHONE: 301-984-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-273-146-45

Query Match 81.1%; Score 43; DB 2; Length 92;
Best Local Similarity 90.0%; Pred. No. 0.26;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 RASQDIGNSL 10
Db 16 RASQDIGNSL 25

RESULT 9

US-08-273-146-53
Sequence 53, Application US/08273146
Patent No. 5855885
GENERAL INFORMATION:
APPLICANT: Smith, Roger
APPLICANT: McCafferty, John
APPLICANT: Chiswell, David
APPLICANT: Darsley, Michael J.
APPLICANT: Fitzgerald, Kevin
APPLICANT: Kenten, John H.

APPLICANT: Martin, Mark T.
APPLICANT: Titmas, Richard C.
APPLICANT: Williams, Richard O.
TITLE OF INVENTION: The Isolation and Production of
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: IGEN, Inc.
STREET: 1530 East Jefferson St.
CITY: Rockville
STATE: MD
COUNTRY: USA
ZIP: 20852
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELEPHONE: 301-984-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-273-146-53

Query Match 81.1%; Score 43; DB 2; Length 92;
Best Local Similarity 90.0%; Pred. No. 0.26;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 RASQDIGNSL 10
Db 16 RASQDIGNSL 25

RESULT 10

US-08-888-366-14
Sequence 14, Application US/08888366
Patent No. 5972656
GENERAL INFORMATION:
APPLICANT: Lopez, Osvaldo
APPLICANT: Wylie, Dwane E.
APPLICANT: Wagner, Fred W.
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,366
FILING DATE: 03-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/187,407
FILING DATE: 27-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,542
FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/493,299
FILING DATE: 14-MAR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/324,392
FILING DATE: 14-MAR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.39USC1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-888-366-14

Query Match 81.1%; Score 43; DB 2; Length 107;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RASODIGNSL 10
Db 24 RASODIGSSL 33

RESULT 11
US-08-888-366-20
Sequence 20, Application US/08888366
Patent No. 5972656
GENERAL INFORMATION:
APPLICANT: Lopez, Oswaldo
APPLICANT: Wylie, Dwane E.
APPLICANT: Wagner, Fred W.
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,366
FILING DATE: 03-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/187,407
FILING DATE: 27-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,542
FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/493,299
FILING DATE: 14-MAR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/324,392
FILING DATE: 14-MAR-1989

ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.39USC1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-888-366-20

Query Match 81.1%; Score 43; DB 2; Length 107;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RASODIGNSL 10
Db 24 RASODIGSSL 33

RESULT 12
US-08-888-366-26
Sequence 26, Application US/08888366
Patent No. 5972656
GENERAL INFORMATION:
APPLICANT: Lopez, Oswaldo
APPLICANT: Wylie, Dwane E.
APPLICANT: Wagner, Fred W.
TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,366
FILING DATE: 03-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/187,407
FILING DATE: 27-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,542
FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/493,299
FILING DATE: 14-MAR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/324,392
FILING DATE: 14-MAR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.39USC1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-888-366-26

Query Match 81.1%; Score 43; DB 2; Length 107;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 24 RASODIGSSL 33

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; Sequence 267, Application US/09726219A
; Patent No. 6806079
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Jackson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonetti, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 213839-00013
; CURRENT APPLICATION NUMBER: US/09/726,219A
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 267
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: light chain from clone M1F
US-09-726-219A-267

Query Match 81.1%; Score 43; DB 4; Length 108;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10
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Db 24 RASODIGSSL 33

RESULT 14
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; Sequence 74, Application US/08713939A
; Patent No. 5846533
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley B.
; APPLICANT: Williamson, R. Anthony
; APPLICANT: Burton, Dennis R.
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/713,939A
FILING DATE: 13-SEP-1996
CLASSIFICATION: 436

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Bozicevic, Karl

REGISTRATION NUMBER: 28,807
REFERENCE/DOCKET NUMBER: 06510/059001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-5277
TELEFAX: 415-854-0875

TELEX:
INFORMATION FOR SEQ ID NO: 74:

SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid

STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-713-939A-74

Query Match 81.1%; Score 43; DB 2; Length 109;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10
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Db 24 RASODIGSSL 33

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; Sequence 74, Application US/09036579
; Patent No. 6290954
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley B.
; APPLICANT: Williamson, R. Anthony
; APPLICANT: Burton, Dennis R.
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94025

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/713,939
; FILING DATE: 13-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bozicevic, Karl
; REGISTRATION NUMBER: 28,807
; REFERENCE/DOCKET NUMBER: 06510/059001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-5277
; TELEFAX: 415-854-0875
; TELEX:
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
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US-09-036-579-74

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Query Match      81.1%; Score 43; DB 3; Length 109;
Best Local Similarity 90.0%; Pred. No. 0.31;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db      24 RASQDIGSSL 33

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Job time : 23 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 22, 2005, 15:00:04 ; Search time 74.9375 Seconds
(without alignments)
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Perfect score: 53

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Minimum DB seq length: 0

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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	53	100.0	243	17	US-10-883-547-6
3	53	100.0	267	9	US-09-766-543-10
4	53	100.0	276	9	US-09-766-543-12
5	48	90.6	109	14	US-10-078-757B-55
6	45	84.9	112	14	US-10-355-780-1
7	43	81.1	108	14	US-10-010-729-45
8	43	81.1	108	16	US-10-803-622-267
9	43	81.1	108	16	US-10-803-653-267
10	43	81.1	109	9	US-09-943-906-74
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32 <td>43<td>81.1<td>144<td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td></td></td></td>	43 <td>81.1<td>144<td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td></td></td>	81.1 <td>144<td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td></td>	144 <td>18<td>US-10-642-059-4</td><td>Sequence 4, Appl1</td></td>	18 <td>US-10-642-059-4</td> <td>Sequence 4, Appl1</td>	US-10-642-059-4	Sequence 4, Appl1
33 <td>43<td>81.1<td>252<td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td></td></td></td>	43 <td>81.1<td>252<td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td></td></td>	81.1 <td>252<td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td></td>	252 <td>15<td>US-10-239-656-55</td><td>Sequence 55, Appl</td></td>	15 <td>US-10-239-656-55</td> <td>Sequence 55, Appl</td>	US-10-239-656-55	Sequence 55, Appl
34 <td>43<td>81.1<td>257<td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td></td></td></td>	43 <td>81.1<td>257<td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td></td></td>	81.1 <td>257<td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td></td>	257 <td>15<td>US-10-239-656-67</td><td>Sequence 67, Appl</td></td>	15 <td>US-10-239-656-67</td> <td>Sequence 67, Appl</td>	US-10-239-656-67	Sequence 67, Appl
35 <td>43<td>81.1<td>499<td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td></td></td></td>	43 <td>81.1<td>499<td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td></td></td>	81.1 <td>499<td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td></td>	499 <td>15<td>US-10-239-656-73</td><td>Sequence 73, Appl</td></td>	15 <td>US-10-239-656-73</td> <td>Sequence 73, Appl</td>	US-10-239-656-73	Sequence 73, Appl
36 <td>42<td>79.2</td><td>11<td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td></td></td>	42 <td>79.2</td> <td>11<td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td></td>	79.2	11 <td>10<td>US-09-155-106-4</td><td>Sequence 4, Appl1</td></td>	10 <td>US-09-155-106-4</td> <td>Sequence 4, Appl1</td>	US-09-155-106-4	Sequence 4, Appl1
37 <td>42<td>79.2</td><td>11<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td></td>	42 <td>79.2</td> <td>11<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td>	79.2	11 <td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td>	17 <td>US-10-808-538-23</td> <td>Sequence 23, Appl</td>	US-10-808-538-23	Sequence 23, Appl
38 <td>42<td>79.2</td><td>108<td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td></td>	79.2	108 <td>10<td>US-09-155-106-22</td><td>Sequence 22, Appl</td></td>	10 <td>US-09-155-106-22</td> <td>Sequence 22, Appl</td>	US-09-155-106-22	Sequence 22, Appl
39 <td>42<td>79.2</td><td>108<td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td></td>	79.2	108 <td>10<td>US-09-155-106-23</td><td>Sequence 23, Appl</td></td>	10 <td>US-09-155-106-23</td> <td>Sequence 23, Appl</td>	US-09-155-106-23	Sequence 23, Appl
40 <td>42<td>79.2</td><td>108<td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td></td>	79.2	108 <td>10<td>US-09-155-106-24</td><td>Sequence 24, Appl</td></td>	10 <td>US-09-155-106-24</td> <td>Sequence 24, Appl</td>	US-09-155-106-24	Sequence 24, Appl
41 <td>42<td>79.2</td><td>108<td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td></td>	79.2	108 <td>10<td>US-09-155-106-28</td><td>Sequence 28, Appl</td></td>	10 <td>US-09-155-106-28</td> <td>Sequence 28, Appl</td>	US-09-155-106-28	Sequence 28, Appl
42 <td>42<td>79.2</td><td>108<td>10<td>US-09-155-106-30</td><td>Sequence 30, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>10<td>US-09-155-106-30</td><td>Sequence 30, Appl</td></td></td>	79.2	108 <td>10<td>US-09-155-106-30</td><td>Sequence 30, Appl</td></td>	10 <td>US-09-155-106-30</td> <td>Sequence 30, Appl</td>	US-09-155-106-30	Sequence 30, Appl
43 <td>42<td>79.2</td><td>108<td>17<td>US-10-808-538-22</td><td>Sequence 22, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>17<td>US-10-808-538-22</td><td>Sequence 22, Appl</td></td></td>	79.2	108 <td>17<td>US-10-808-538-22</td><td>Sequence 22, Appl</td></td>	17 <td>US-10-808-538-22</td> <td>Sequence 22, Appl</td>	US-10-808-538-22	Sequence 22, Appl
44 <td>42<td>79.2</td><td>108<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td></td>	79.2	108 <td>17<td>US-10-808-538-23</td><td>Sequence 23, Appl</td></td>	17 <td>US-10-808-538-23</td> <td>Sequence 23, Appl</td>	US-10-808-538-23	Sequence 23, Appl
45 <td>42<td>79.2</td><td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td></td>	42 <td>79.2</td> <td>108<td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td></td>	79.2	108 <td>17<td>US-10-808-538-24</td><td>Sequence 24, Appl</td></td>	17 <td>US-10-808-538-24</td> <td>Sequence 24, Appl</td>	US-10-808-538-24	Sequence 24, Appl

ALIGNMENTS

RESULT 1
US-09-887-853-6
Sequence 6, Application US/09887853
Patent No. US20020168375A1

GENERAL INFORMATION:
APPLICANT: Huston, James S.
Oppermann, Hermann
Houston, L. L.
Ring, David B.

TITLE OF INVENTION: Biosynthetic Binding Proteins For

NUMBER OF SEQUENCES: 11
Imaging

CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
STREET: Exchange Place, 53 State Street
City: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/887,853
FILING DATE: 21-Jun-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/133,804
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Kelley, Robin D.
REGISTRATION NUMBER: 34,637

```
/ REFERENCE/DOCKET NUMBER: 2054/22
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-248-7477
/ TELEFAX: 617-248-7100
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 243 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-887-853-6

Query Match          100.0%; Score 53; DB 9; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.057;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      157 RASQDIGNSLT 167

RESULT 2
US-10-683-547-6
/ Sequence 6, Application US/10683547
/ Publication No. US20050058638A1
/ GENERAL INFORMATION:
/ APPLICANT: Houston, J.
/ APPLICANT: Houston, L.L.
/ APPLICANT: Ring, D.
/ APPLICANT: Oppermann, H.
/ TITLE OF INVENTION: BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING
/ FILE REFERENCE: CIBT-P01-130
/ CURRENT APPLICATION NUMBER: US/10/683,547
/ CURRENT FILING DATE: 2003-10-10
/ PRIOR APPLICATION NUMBER: US/09/558,741
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 07/831,967
/ PRIOR FILING DATE: 1992-02-06
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 243
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 520C9 sFv
US-10-683-547-6

Query Match          100.0%; Score 53; DB 17; Length 243;
Best Local Similarity 100.0%; Pred. No. 0.057;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      157 RASQDIGNSLT 167

RESULT 3
US-09-766-543-10
/ Sequence 10, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: P01679,002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
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/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 10
/ LENGTH: 267
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: 520C9
/ OTHER INFORMATION: humanized single-chain antibody used in the
/ OTHER INFORMATION: IL-2-antibody fusions
US-09-766-543-10

Query Match          100.0%; Score 53; DB 9; Length 267;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      176 RASQDIGNSLT 186

RESULT 4
US-09-766-543-12
/ Sequence 12, Application US/09766543
/ Patent No. US20020041865A1
/ GENERAL INFORMATION:
/ APPLICANT: Austin, Richard
/ APPLICANT: Kwok, Cheuk S.
/ APPLICANT: Ring, David B.
/ TITLE OF INVENTION: METHODS FOR TREATING TUMORS
/ FILE REFERENCE: P01679,002
/ CURRENT APPLICATION NUMBER: US/09/766,543
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 60/177,258
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 12
/ LENGTH: 276
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: H520C9sFv plus
US-09-766-543-12

Query Match          100.0%; Score 53; DB 9; Length 276;
Best Local Similarity 100.0%; Pred. No. 0.065;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASQDIGNSLT 11
Db      176 RASQDIGNSLT 186

RESULT 5
US-10-078-757B-55
/ Sequence 55, Application US/10078757B
/ Publication No. US20030166871A1
/ GENERAL INFORMATION:
/ APPLICANT: BARBAS, Carlos F., III
/ APPLICANT: RADER, Christoph
/ TITLE OF INVENTION: HUMANIZATION OF MURINE ANTIBODY
/ FILE REFERENCE: TSRI 598.0 Cont1
/ CURRENT APPLICATION NUMBER: US/10/078,757B
/ CURRENT FILING DATE: 2002-02-19
/ PRIOR APPLICATION NUMBER: US 08/986,016
/ PRIOR FILING DATE: 1997-12-05
/ NUMBER OF SEQ ID NOS: 56
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 55
/ LENGTH: 109
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: hybrid mouse - human sequence
US-10-078-757B-55

Query Match          90.6%; Score 48; DB 14; Length 109;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASODIGNSL 10
        |||||
        24 RASODIGNSL 33

Db

RESULT 6
US-10-355-780-1
; Sequence 1, Application US/10355780
; Publication No. US20030143224A1
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley
; APPLICANT: Safar, Jiri
; APPLICANT: Williamson, Anthony
; APPLICANT: Burton, Dennis
; TITLE OF INVENTION: Antibodies Specific for Ungulate PrP
; FILE REFERENCE: UCAL-194
; CURRENT APPLICATION NUMBER: US/10/355,780
; CURRENT FILING DATE: 2003-01-30
; PRIOR APPLICATION NUMBER: US/09/627,218B
; PRIOR FILING DATE: 2000-07-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 112
; TYPE: PrT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized peptide
US-10-355-780-1

Query Match          84.9%; Score 45; DB 14; Length 112;
Best Local Similarity 90.0%; Pred. No. 0.88;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASODIGNSL 10
        |||||
        24 RASODIGNSL 33

Db

RESULT 7
US-10-010-729-45
; Sequence 45, Application US/10010729
; Publication No. US20030185827A1
; GENERAL INFORMATION:
; APPLICANT: Rodriguez, Moses
; APPLICANT: Miller, David J.
; APPLICANT: Pease, Larry R.
; TITLE OF INVENTION: Human IgM Antibodies and Diagnostic and
; TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous
; FILE OF INVENTION: System
; FILE REFERENCE: 1199-1-005CIP2
; CURRENT APPLICATION NUMBER: US/10/010,729
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 09/730,473
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/580,787
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 09/322,662
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 08/779,784
; PRIOR FILING DATE: 1997-01-07
; PRIOR APPLICATION NUMBER: 08/692,084
; PRIOR FILING DATE: 1996-08-08
; PRIOR APPLICATION NUMBER: 08/236,520
; PRIOR FILING DATE: 1994-04-29
```

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; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 108
; TYPE: PrT
; ORGANISM: Mus musculus
US-10-010-729-45

Query Match          81.1%; Score 43; DB 14; Length 108;
Best Local Similarity 90.0%; Pred. No. 2.1;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 RASODIGNSL 10
        |||||
        24 RASODIGNSL 33

Db

RESULT 8
US-10-803-622-267
; Sequence 267, Application US/10803622
; Publication No. US20040157214A1
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clackson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonert, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,622
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 267
; LENGTH: 108
; TYPE: PrT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: light chain from clone M1F
US-10-803-622-267

Query Match          81.1%; Score 43; DB 16; Length 108;
Best Local Similarity 90.0%; Pred. No. 2.1;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RASODIGNSL 10
| | | | |
Db 24 RASODIGSSL 33

RESULT 9
US-10-803-653-267
; Sequence 267, Application US/10803653
; Publication No. US20040157215A1
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Medical Research Council
; APPLICANT: McCafferty, John
; APPLICANT: Pope, Anthony
; APPLICANT: Johnson, Kevin
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Griffiths, Andrew
; APPLICANT: Jackson, Ronald
; APPLICANT: Holliger, Kasper
; APPLICANT: Marks, James
; APPLICANT: Clackson, Timothy
; APPLICANT: Chiswell, David
; APPLICANT: Winter, Gregory
; APPLICANT: Bonetti, Timothy
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
; FILE REFERENCE: 13839-00013
; CURRENT APPLICATION NUMBER: US/10/803,653
; CURRENT FILING DATE: 2004-03-18
; PRIOR APPLICATION NUMBER: GB 9015198.6
; PRIOR FILING DATE: 1990-07-10
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9022845.3
; PRIOR FILING DATE: 1990-10-19
; PRIOR APPLICATION NUMBER: GB 9024503.6
; PRIOR FILING DATE: 1990-11-12
; PRIOR APPLICATION NUMBER: GB 9104744.9
; PRIOR FILING DATE: 1991-03-06
; PRIOR APPLICATION NUMBER: GB 9110549.4
; PRIOR FILING DATE: 1991-05-15
; PRIOR APPLICATION NUMBER: PCT/GB91/01134
; PRIOR FILING DATE: 1991-07-10
; PRIOR APPLICATION NUMBER: US 07/971,857
; PRIOR FILING DATE: 1993-01-08
; PRIOR APPLICATION NUMBER: US 08/484,893
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 272
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 267
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: light chain from clone M1F
US-10-803-653-267

Query Match 81.1%; Score 43; DB 16; Length 108;
Best Local Similarity 90.0%; Pred. No. 2.1;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10
| | | | |
Db 24 RASODIGSSL 33

RESULT 10
US-09-943-906-74
; Sequence 74, Application US/09943906
; Patent No. US20020150571A1
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley B.
; APPLICANT: Williamson, R. Anthony

Burton, Dennis R.
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,906
; FILING DATE: 30-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/550,374
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Bozicevic, Karl
; REGISTRATION NUMBER: 28,807
; REFERENCE/DOCKET NUMBER: 06510/059001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-5277
; TELEFAX: 415-854-0875
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-09-943-906-74

Query Match 81.1%; Score 43; DB 9; Length 109;
Best Local Similarity 90.0%; Pred. No. 2.1;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASODIGNSL 10
| | | | |
Db 24 RASODIGSSL 33

RESULT 11
US-10-435-602-74
; Sequence 74, Application US/10435602
; Publication No. US20030228303A1
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley B.
; APPLICANT: Williamson, R. Anthony
; APPLICANT: Burton, Dennis R.
; TITLE OF INVENTION: Antibodies Specific for Native PrPSc
; FILE REFERENCE: UCAL059CON3
; CURRENT APPLICATION NUMBER: US/10/435,602
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 09/943,906
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/550,374
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 09/036,579
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: 08/713,939
; PRIOR FILING DATE: 1996-09-13
; PRIOR APPLICATION NUMBER: 08/528,104
; PRIOR FILING DATE: 1995-09-14
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 74
LENGTH: 109
TYPE: PRT
ORGANISM: mouse
US-10-435-602-74

Query Match 81.1%; Score 43; DB 15; Length 109;
Best Local Similarity 90.0%; Pred. No. 2.1;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10
Db 24 RASQDIGSSL 33

RESULT 12
US-11-027-139-74
Sequence 74, Application US/11027139
Publication No. US20050158803A1
GENERAL INFORMATION:

APPLICANT: Prusiner, Stanley B.
APPLICANT: Williamson, R. Anthony
APPLICANT: Burton, Dennis R.
TITLE OF INVENTION: Antibodies Specific for Native Prpsc
FILE REFERENCE: UCAL059CON3
CURRENT APPLICATION NUMBER: US/11/027,139
PRIORITY FILING DATE: 2004-12-29
PRIOR APPLICATION NUMBER: US/10/435,602
PRIOR FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: 09/943,906
PRIOR FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: 09/550,374
PRIOR FILING DATE: 2000-04-13
PRIOR APPLICATION NUMBER: 09/036,579
PRIOR FILING DATE: 1998-03-06
PRIOR APPLICATION NUMBER: 08/713,939
PRIOR FILING DATE: 1996-09-13
PRIOR APPLICATION NUMBER: 08/528,104
PRIOR FILING DATE: 1995-09-14
NUMBER OF SEQ ID NOS: 86
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 74
LENGTH: 109
TYPE: PRT
ORGANISM: mouse
US-11-027-139-74

Query Match 81.1%; Score 43; DB 20; Length 109;
Best Local Similarity 90.0%; Pred. No. 2.1;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10
Db 24 RASQDIGSSL 33

RESULT 13
US-08-779-784-35
Sequence 35, Application US/08779784
Publication No. US20020164325A1
GENERAL INFORMATION:

APPLICANT: Rodriguez, Moses
APPLICANT: Miller, David J.
APPLICANT: Asakura, Kunihiko
TITLE OF INVENTION: PROMOTION OF CENTRAL NERVOUS SYSTEM
TITLE OF INVENTION: REMYELINATION USING MONOCLONAL AUTOANTIBODIES
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESSES:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey

COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/779,784
FILING DATE: 07-JAN-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/692,084
FILING DATE: 08-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/236,520
FILING DATE: 29-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1199-1-001 CIPA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-343-1684
TELEFAX: 201-487-5800
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 130 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Mus musculus
US-08-779-784-35

Query Match 81.1%; Score 43; DB 8; Length 130;
Best Local Similarity 90.0%; Pred. No. 2.5;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RASQDIGNSL 10
Db 46 RASQDIGSSL 55

RESULT 14
US-10-010-729-71
Sequence 71, Application US/10010729
Publication No. US20030185827A1
GENERAL INFORMATION:
APPLICANT: Rodriguez, Moses
APPLICANT: Miller, David J.
APPLICANT: Pease, Larry R.
TITLE OF INVENTION: Human IGM Antibodies and Diagnostic and
TITLE OF INVENTION: Therapeutic Uses Thereof Particularly in the Central Nervous
TITLE OF INVENTION: System
FILE REFERENCE: 1199-1-005CIP2
CURRENT APPLICATION NUMBER: US/10/010,729
CURRENT FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 09/730,473
PRIOR FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: 09/580,787
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/332,862
PRIOR FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: 08/779,784
PRIOR FILING DATE: 1997-01-07
PRIOR APPLICATION NUMBER: 08/692,084
PRIOR FILING DATE: 1996-08-08
PRIOR APPLICATION NUMBER: 08/236,520
PRIOR FILING DATE: 1994-04-29
NUMBER OF SEQ ID NOS: 80

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 71
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-010-729-71

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Query Match      81.1%; Score 43; DB 14; Length 130;
Best Local Similarity 90.0%; Pred. No. 2.5;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY      1 RASODIGNSL 10
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Db      46 RASODIGSSL 55

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RESULT 15
US-10-642-120-4
; Sequence 4, Application US/10642120
; Publication No. US20040131610A1
; GENERAL INFORMATION:
; APPLICANT: Thorpe, Philip E.
; APPLICANT: Soares, M. Melina
; APPLICANT: Ran, Sophia
; TITLE OF INVENTION: Methods for Treating Viral Infections Using Antibodies to
; FILE OF INVENTION: Amino-phospholipids
; FILE REFERENCE: 4001.002900
; CURRENT APPLICATION NUMBER: US/10/642.120
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/621,269
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: 60/396,263
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-642-120-4

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Query Match      81.1%; Score 43; DB 16; Length 144;
Best Local Similarity 90.0%; Pred. No. 2.8;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY      1 RASODIGNSL 10
        |||||:|
Db      46 RASODIGSSL 55

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Search completed: August 22, 2005, 15:38:26
Job time : 74.9375 secs

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